



OUR COMPANY



The history of Floover began to take shape in 2006 with the union of Andrea Prati and Joan Ferrer, friends and co-owners with extensive experience in the flooring business. Based on the needs and requests of their customers, they developed a new product, Floover, multilayer rigid flooring with designs based on high-end vinyl with the Unilin click system. Later, they developed other versions and incorporated waterproof unlimited designs with remarkable success.

The aim of Floover is the continuous search for new and amazing products always based on the latest design and fashion, intending to improve the quality of life. Innovation and imagination have always been the basis of the brand and are key to its reputation in the market place, involving designers and architects to provide added value to the product. To date, Floover has achieved significant international presence.





OUR PRODUCTS

Floover's production is mainly located in Müstair, Switzerland, where the entire production process complies with Swiss law and with the European norms and standards, in addition to the very strict quality controls.

Floover provides products for both domestic and commercial use, always using new technologies and creating solutions demanded by the market, from gluing systems (Glue Down), through the floor with click system, to exterior solutions. All Floover products are easy to install and are specifically designed for high durability and longevity. All this is complemented with accessories needed to complete any project.

The extensive collection of designs can be installed in any space, including wet areas like bathrooms or terraces, Floover is the ultimate solution to your project.





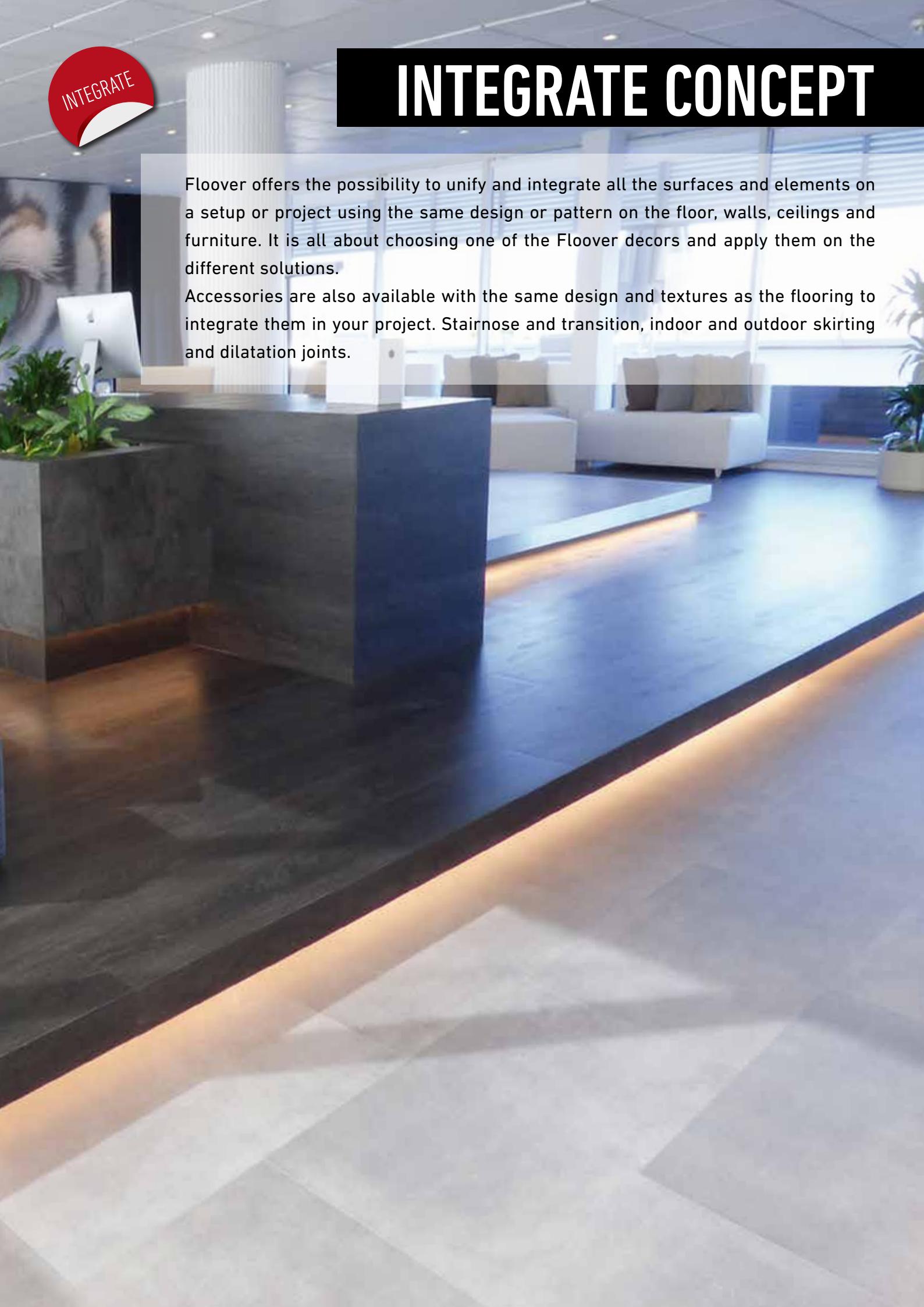


INTEGRATE

INTEGRATE CONCEPT

Floover offers the possibility to unify and integrate all the surfaces and elements on a setup or project using the same design or pattern on the floor, walls, ceilings and furniture. It is all about choosing one of the Floover decors and apply them on the different solutions.

Accessories are also available with the same design and textures as the flooring to integrate them in your project. Stairnose and transition, indoor and outdoor skirting and dilatation joints.





LVT

A photograph of a rustic wooden wall and floor. In the center, there is a dark brown wooden cabinet with a glass door. On top of the cabinet sits a clear glass vase filled with white baby's breath flowers and green stems. The background consists of vertical wooden planks.

APPLICATIONS

COMMERCIAL USE

Shops, restaurants, sports centers, offices, stands, nightclubs, airports, stations, etc.

RESIDENTIAL USE

For any room in your home. Even in wet areas like kitchens or bathrooms.

SPECIAL APPLICATIONS

- Isolation 100% from the subsoil (laboratories, operating rooms and hospital clean rooms or clean rooms for handling organic items, cosmetics, etc ...)
- Stores or workshops in contact with pneumatic tires.
- Additional resistance for anti scratch for industrial areas.

You can apply special surface treatments on Floover floors. We recommend contacting companies specializing in these treatments, as Dr. Schutz (www.dr-schutz.com)

TECHNOLOGY

Floover is the result of advances made in the world of engineered floors:

- Combination of vinyl on HDF.
 - Click system with Unilin Licence, assuring the best installation system possible.
 - The best vinyl in the market in terms of resistance and elasticity.
 - Vinyl certificated 100% virgin. We can assure you that we comply with the emission norms, with the stamp U.
 - Best quality HDF, with FSC certification.
 - Our company is associated with some of the best industrial partners to assure the best quality and service and we design innovative products and launch them into the market to create the tendency in the world of innovative flooring.
 - Our factory has a flexible and adaptable service so that all your needs can be met, always thinking of the best way to work in order to help the environment.
 - We have product certificates from the best laboratories: EN Applus, ASTM, Aitex



ADVANTAGES & BENEFITS

DESIGN

Floover uses the vinyl design technology, which means, colour design much more accurate and surface structure more developed. Also we have a technical department which permits you to design the decor you desire. One sample, one idea and the floor that you imagine can be yours.

WARM AND REAL SURFACE

Vinyl proprieties give a warm surface, much more close to real wood than laminates, because of overlay composition. Surface temperature is a very important component of comfort.

ABRASION RESISTANCE

From the abrasion point of view, laminate is a very resistant product, because of Overlay composition, but the thickness of the overlay is very reduced in comparison with vinyl. From optical point of view vinyl can be damaged easily, but on long term performance, vinyl is giving excellent results.

IMPACT RESISTANCE

This performance is clearly much better on Floover than any laminate. Vinyl will be not affected by any impact, compared to laminate which can be damaged definitely.

ANTISTATIC

Because of the vinyl composition, there is not static electricity produced on the floor.

FIRE RESISTANCE

Floover has a good Fire Retardant performance because of the PVC charges. Vinyl layer will retard the HDF fire performance, compare to laminate. According to European norm, EN13501-1 Floover is classified as Bfl S1.



WATER RESISTANCE

Floover offers an excellent performance against water from the top. Even on top of the joints water remains on the surface and never filters to the bottom layers, improving the performance of any laminate, because of the elasticity of the top surface which makes a pressured joint connection.

SOUND REDUCTION

Floover composition is focused on the sound reduction performance. Even of reflected sound or transmitted sound, the performance is excellent, even for the vinyl layer and specially because of the cork bottom layer. Excellent performance for hotels, Music Halls, or any place where high sound reduction performance is required.

INSTALLATION

The Unilin Click system is a guarantee of easy installation. Our plank size (915x305mm) enables a quick installation. But the real advantage in front of laminate is the product stability. It allows to install 200 m² without any dilatation joints. Also the perfection of the joins, because vinyl elasticity makes a perfect installation view.





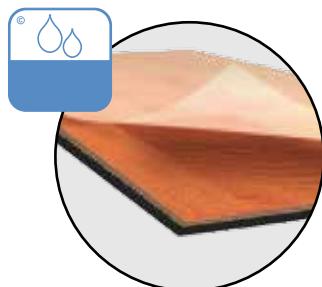
TAILOR-MADE LVT SOLUTIONS

Floover solutions can be fully tailored to your requirements

LVT SOLUTIONS



GLUING SYSTEM



GLUE DOWN

- Traditional Dry Back LVT for Glue Down
- 100% waterproof
- Leveller is required
- No dilatation gap/skirting required

FLOATING SYSTEM

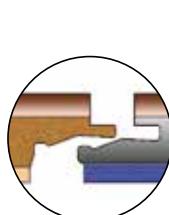


LOOSE LAY ANTISKID

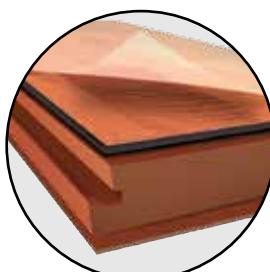
- No needed of glue or any other fixation to the subfloor.
- 100% waterproof
- Leveller is required
- Easy to replace a single tile
- Suction pad system antiskid underlayment

CLICK SYSTEM

UNICLIC®
Uniclic under license of Uniclic - ETM Uniclic®/Uniclic® patent no. 3,000,000



COMPATIBLE CLICK



HDF

- Uniclic System
- Surface waterproof
- Base film required
- Installation up to 150 m² without dilatation joints
- Compatible click with SplasH₂O



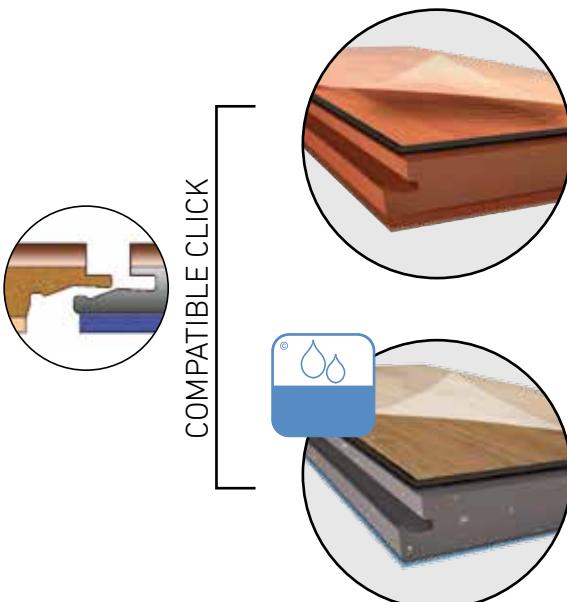
SPLASH₂O

- Uniclic System
- 100% Waterproof
- Base film not required
- Installation up to 120 m² without dilatation joints
- Compatible click with HDF

LVT SOLUTIONS



CLICK SYSTEM



HDF LIGHT

- Uniclic System
- Surface waterproof
- Base film required
- Installation up to 150m² without dilatation joints
- Compatible click with SplasH₂O Light

SPLASH₂ O LIGHT

- Uniclic System
- 100% Waterproof
- Base film not required
- Installation up to 120 m² without dilatation joints
- Compatible click with HDF Light



SPLASH₂ O DESIGN

- Uniclic System
- 100% Waterproof
- Base film not required
- Installation up to 120 m² without dilatation joints
- Sound reduction layer included

RAISED ACCESS FLOOR



RAISED SOFTCORE/ HARDCORE

- No need to pre-work the subfloor
- 100% Waterproof (hardcore version)
- Warm and comfortable
- Excellent noise reduction
- Easy access to the subfloor
- Easy to replace a single tile

Floover Glue Down flooring, size 1230x225x1.8mm, Original collection, Sequoia range, reference SQ1808. Classification 23/32 with high abrasion resistance, stains resistance class 0 according to norm EN423, fire resistance classification BflS1 and grade 6 of UV resistance. It should be glued to a dry and perfectly levelled subfloor. Before installing, allow the material to acclimatize for 48 hours in the installation area. It is necessary to use a heavy roller of 30/40 kg to eliminate any bubble.



GLUE DOWN

TECHNICAL DATA SHEET

Floover Glue Down consists of 3 layers. The top layer is a resistant transparent PVC to protect the decor. This adapts perfectly to the elasticity of the vinyl below creating a nice walking surface. The traditional gluing system allows you to install large areas with a small thickness. High traffic, comfort and acoustic performance. Available in every reference.



① Layer of transparent PVC
- 0,3 mm Original
- 0,55 mm Synchro and Plus

② Printed Decor

③ Vinyl

Characteristics	Test	Glue Down Original	Glue Down Synchro	Glue Down Plus
Classification	EN 16511	23/32	23/33	23/33
Dimensions	EN 427	915 x 305 mm 620 x 450 mm (CM,CR,MT,LE) 1230 X 225 mm (SQ) 1235 x 230 mm (NT, UB, LX)	1230 x 225 mm (Rustic) 1230 x 305 mm (Plank + Endless) 1815 x 230 mm (Longboard)	915 x 305 mm 620x450 (CMT,IRT,CRT) 1235x305 mm (WDT2004)
Thickness	EN 430	1,8 mm 1,6 mm (UB,LX,NT)	2,0 mm	2,0 mm
Weight	EN 430	3,15 - 3,44 kg/m ²	3,41 - 3,63 kg/m ²	4,13 kg/m ²
Residual Indentation	EN 433	max. 0,03 mm	max. 0,03 mm	max. 0,03 mm
Chemical Resistance	EN 423	Class 0	Class 0	Class 0
Fire Resistance	EN 13501-1	Class BFLs1 (B1)	Class BFLs1 (B1)	Class BFLs1 (B1)
Dimensional Stability	EN 434	- 0,15 %	- 0,15 %	- 0,15 %
UV Resistance	ISO 105	≥ Grade 6	≥ Grade 6	≥ Grade 6
Fungus Test	ASTM G21:96	Grade 1	Grade 1	Grade 1
Antistatic Performance	EN 1815	< 2 kv	< 2 kv	< 2 kv
Water Resistance	EN 317	0% Swelling	0% Swelling	0% Swelling
Slip Resistance	EN12633	Class 2	Class 2	Class 2
	DIN 51130	R10	R10	R10
Formaldehyde emission	EN 717	E1	E1	E1
Maritime use	MSC 307(88) An.1 Part 2/5	Pass (NT, LX, UB)	-	-



Slip
Resistant



Fire
Resistant



Ecological



Abrasion
Resistant



Antistatic



Chemical
Resistant



Silent



UV Ray
Resistant



Impact
Resistant



Waterproof

Floover Loose Lay Antiskid flooring, size 1828,8x228,6x5,0 mm, Natural range, reference NT1203. Classification 23/33 with high abrasion resistance, stains resistance class 0 according to norm EN423, fire resistance classification BflS1 and grade 6 of UV resistance. It should be installed on a dry and perfectly levelled subfloor. Before installing, allow the material to acclimatize for 48 hours in the installation area. The installation should be made without glue, directly to the floor and without expansion joints. Temperature must be controlled between 18 and 27°C before, during and after the installation.



LOOSE LAY ANTISKID

TECHNICAL DATA SHEET

Floover Loose Lay Antiskid consists of 4 layers. The top layer is a resistant transparent PVC . This adapts perfectly to the elasticity of the vinyl below creating a nice walking surface. The third layer is made with 100% PVC and fiberglass that gives a great comfort and stability. Finally it has a special antiskid underlayment that increases also the stability of the system. Available only in Natural collection

Only for
Natural
range



- ① Layer of transparent PVC 0,55 mm
- ② Printed Decor
- ③ Core layer PVC reinforced with fiberglass
- ④ Backing PVC with micro antiskid



Characteristics	Test	Loose Lay Antiskid
Classification	EN 16511	23/33
Dimensions	EN 427	1828,8 x 228,6 mm
Thickness	EN 430	5 mm
Weight	EN 430	9,95 kg/m ²
Abrasion Resistance	EN 660-2: 99	≥ 0,015 gr/1000 r
Chemical Resistance	EN 438	Class 0
Fire Resistance	EN 13501-1	Class BFLs1 (B1)
Dimensional Stability	EN 434	- 0,12 %
Curving	EN 434	0,5 mm
Acoustic Certification	EN ISO 717-2	ΔLw= 15 dB
Cigarette burn resistance	EN 438 - 2	Class 3
Flexibility	EN 435	20 mm
Slip/Slide resistance	EN 13893	DS Grade
Formaldehyde emission	EN 717	E1
UV Resistance	ISO 105	≥ Grade 6
Castor Chair	EN 425	Suitable for type W
Antistatic Performance	EN 1815	< 2 kv
Residual Indentation	EN 433	max. 0,10 mm
Water Resistance	EN 317	0% Swelling

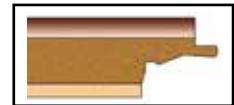
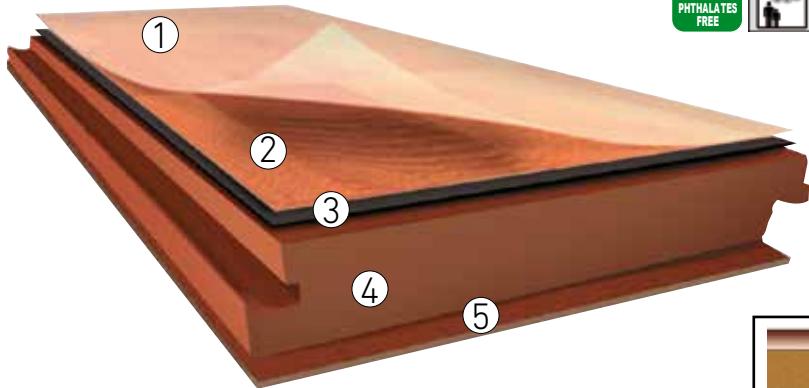
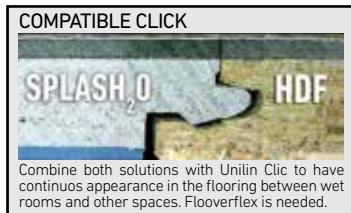


Floover HDF Flooring, size 915x305x9,8mm, Original collection, Country range, reference CT1702. Classification 23/32 with high abrasion resistance, stains resistance class 0 according to norm EN423, fire resistance classification BflS1 and grade 6 of UV resistance. It is designed as floating flooring for dry areas. It's necessary to place a polypropylene film as insulating against the humidity. Before installing, allow the material to acclimatize for 48 hours in the installation area. The distance from the wall and from all the stable elements must be of 10 mm at least to allow flooring natural movements. Floover HDF can be installed combined with SplasH2O with Flooverflex for wet areas thanks to their Unilin clic.



HDF

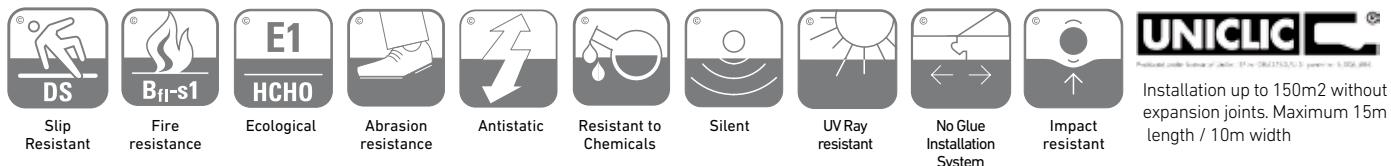
TECHNICAL DATA SHEET



- ① Layer of transparent PVC
- **0,3 mm Original**
- **0,55 mm Synchro and Plus**
- ② Printed Decor
- ③ Vinyl
- ④ HDF 6,8 mm
- ⑤ Cork 1,2 mm

Characteristics	Test	HDF Original	HDF Synchro	HDF Plus
Classification	EN 16511	23 / 32	23 / 33	23 / 33
Dimensions	EN 427	915 x 305 mm 620 x 450 mm (CM,CR,MT,LE) 1230 X 225 mm (SQ) 1235 x 230 mm (NT, UB, LX)	1230 x 225 mm (Rustic) 1230 x 305 mm (Plank + Endless)	915 x 305 mm or 620x450 (CMT,IWT,CRT) 1235x305 mm (WDT2004) 1815 x 230 mm (LB)
Thickness	EN 428	9,8 mm 9,6 mm (UB,LX,NT)	10 mm	10 mm
Weight	EN 430	10,15 Kg/m ²	10,30 Kg/m ²	11,10 Kg/m ²
Residual Indentation	EN 433	max. 0,03 mm	max. 0,03 mm	max. 0,03 mm
Fire Resistance	EN 13501-1	Class BFLs1 (B1)	Class BFLs1 (B1)	Class BFLs1 (B1)
Chemical Resistance	EN 438	Grade 5 (Groups 1 and 2) and Grade 4 (Group 3)	Grade 5 (Groups 1 and 2) and Grade 4 (Group 3)	Grade 5 (Groups 1 and 2) and Grade 4 (Group 3)
Dimensional stability	EN 434	- 0,05 %	- 0,05 %	- 0,05 %
Curving	EN 434	0,2 mm	0,2 mm	0,2 mm
Acoustic Certification	EN ISO 717-2	ΔLw= 18dB	ΔLw= 18dB	ΔLw= 18 dB
Cigarette burn resistance	EN 438 - 2	Class 3	Class 3	Class 3
Impact Resistance	EN 1534	7,4 Kgf/mm ²	7,4 Kgf/mm ²	7,4 Kgf/mm ²
Slip/Slide Resistance	EN 12633	Class 2	Class 2	Class 2
	DIN 51130	R10	R10	R10
Flexibility	EN 435	10 mm	10 mm	10 mm
UV Resistance	ISO 105	≥ Grade 6	≥ Grade 6	≥ Grade 6
Formaldehyde emission	EN 717	E1 / Ü sign	E1 / Ü sign	E1 / Ü sign
Thermal Resistance	EN 12664	0,088 m ² K/W*	0,088 m ² K/W*	0,088 m ² K/W*
Antistatic Performance	EN 1815	< 2 kv	< 2 kv	< 2 kv
Castor chairs suitability**	EN 425	Continuous use	Continuous use	Continuous use
Locking Strength	EN 24334	> 450 kg/ml	> 450 kg/ml	> 450 kg/ml
Water Resistant test	EN 317	< 8%	< 8%	< 8%

* Suitable for underfloor heating system. Not for cooling systems / **Suitable for soft polyamide wheels (type W)



Floover HDF Light Flooring, size 1230x305x7mm, Synchro collection, Plank range, reference SC3010. Classification 23/33 with high abrasion resistance, stains resistance class 0 according to norm EN423, fire resistance classification BflS1 and grade 6 of UV resistance. Floover HDF Light is designed as floating flooring for dry areas. It's necessary to place a polypropylene film as insulating against the humidity. Before installing, allow the material to acclimatize for 48 hours in the installation area. The distance from the wall and from all the stable elements must be of 10 mm at least to allow flooring natural movements. Floover HDF Light can be installed combined with SplashH2O Light with Flooverflex for wet areas thanks to their Unilin clic.



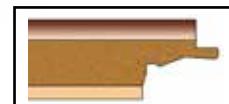
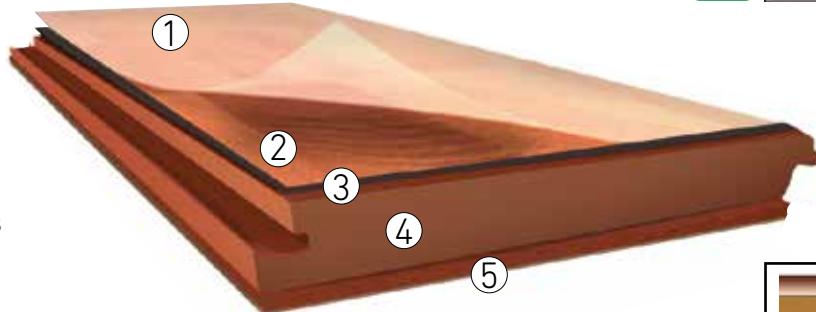
HDF LIGHT

TECHNICAL DATA SHEET

Floover HDF Light consists of 5 layers. The top layer is a resistant transparent PVC to protect the decor. This adapts perfectly to the elasticity of the vinyl below creating a nice walking surface. The fourth layer of HDF incorporates the click installation system. The ultimate layer of cork gives an excellent thermal and acoustic insulation. Available in every reference.



- ① Layer of transparent PVC
- **0,3 mm Original**
- **0,55 mm Synchro and Plus**
- ② Printed Decor
- ③ Vinyl
- ④ HDF 4 mm
- ⑤ Cork 1 mm



EP2246188A1 Patent Floover

Characteristics	Test	HDF Original	HDF Synchro	HDF Plus
Classification	EN 16511	23 / 32	23 / 33	23 / 33
Dimensions	EN 427	915 x 305 mm 620 x 450 mm (CM,CR,MT,LE) 1230 X 225 mm (SQ) 1235 x 230 mm (NT, UB, LX)	1230 x 225 mm (Rustic) 1230 x 305 mm (Plank + Endless)	915 x 305 mm or 620x450 (CMT,IRT,CRT) 1235x305 mm (WDT2004) 1815 x 230 mm (LB)
Thickness	EN 428	6,8 mm 6,6 mm (UB,LX,NT)	7 mm	7 mm
Weight	EN 430	9,15 Kg/m ²	9,30 Kg/m ²	10,10 Kg/m ²
Residual Indentation	EN 433	max. 0,03 mm	max. 0,03 mm	max. 0,03 mm
Fire Resistance	EN 13501-1	Class BFLs1 (B1)	Class BFLs1 (B1)	Class BFLs1 (B1)
Chemical Resistance	EN 438	Grade 5 (Groups 1 and 2) and Grade 4 (Group 3)	Grade 5 (Groups 1 and 2) and Grade 4 (Group 3)	Grade 5 (Groups 1 and 2) and Grade 4 (Group 3)
Dimensional stability	EN 434	- 0,05 %	- 0,05 %	- 0,05 %
Curving	EN 434	0,2 mm	0,2 mm	0,2 mm
Acoustic Certification	EN ISO 717-2	ΔLw= 16dB	ΔLw= 16dB	ΔLw= 16dB
Cigarette burn resistance	EN 438 - 2	Class 3	Class 3	Class 3
Impact Resistance	EN 1534	7,4 Kgf/mm ²	7,4 Kgf/mm ²	7,4 Kgf/mm ²
Slip/Slide Resistance	EN 12633	Class 2	Class 2	Class 2
	DIN 51130	R10	R10	R10
Flexibility	EN 435	10 mm	10 mm	10 mm
UV Resistance	ISO 105	≥ Grade 6	≥ Grade 6	≥ Grade 6
Formaldehyde emission	EN 717	E1 / Ü sign	E1 / Ü sign	E1 / Ü sign
Thermal Resistance	EN 12664	0,075 m ² K/W*	0,075 m ² K/W*	0,075 m ² K/W*
Antistatic Performance	EN 1815	< 2 kv	< 2 kv	< 2 kv
Castor chairs suitability**	EN 425	Continuous use	Continuous use	Continuous use
Locking Strength	EN 24334	> 400 kg/ml	> 400 kg/ml	> 400 kg/ml

* Suitable for underfloor heating system. Not for cooling systems / **Suitable for soft polyamide wheels (type W)



Registriertes Warenzeichen der Firma UNICLIC GMBH aus dem Jahr 2006. Ein Zeichen für den Montagezusatz für Vinylböden.

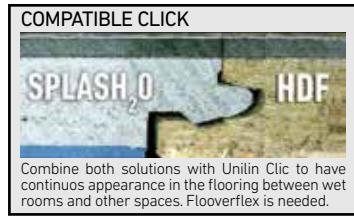
Installation up to 150m² without expansion joints. Maximum 15m length / 10m width

Floover SplasH2O Flooring, size 1230x225x8,5mm, Synchro collection, Rustic range, reference SC3005. Classification 23/33 with high abrasion resistance, stains resistance class 0 according to norm EN423, fire resistance classification BflS1 and grade 6 of UV resistance. Floover SplasH2O is designed as floating flooring for wet areas. It is optional to add Flooverflex backing to improve sound insulation and comfort. Before installing, allow the material to acclimatize for 48 hours in the installation area. The distance from the wall and from all the stable elements must be of 10 mm at least to allow flooring natural movements. SplasH2O with Flooverflex can be installed combined with HDF for dry areas thanks to their Unilin clic.

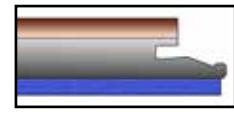


SPLASH₂

TECHNICAL DATA SHEET



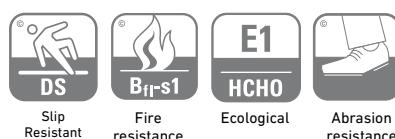
- ① Layer of transparent PVC
 - **0,3 mm Original**
 - **0,55 mm Synchro and Plus**
- ② Printed Decor
- ③ Vinyl
- ④ PVC Rigid 6,5 mm
- ⑤ +1,5mm foam (Optional) +3 dB



EP2246188A1 Patent Floover

Characteristics	Test	SplasH2O Original	SplasH2O Synchro	SplasH2O Plus
Classification	EN 16511	23 / 32	23 / 33	23 / 33
Dimensions	EN 427	915 x 305 mm 620 x 450 mm (CM,CR,MT,LE) 1230 X 225 mm (SQ) 1235 x 230 mm (NT, UB, LX)	1230 x 225 mm (Rustic) 1230 x 305 mm (Plank + Endless)	915 x 305 mm or 620x450 (CMT,IRT,CRT) 1235x305 mm (WDT2004)
Thickness	EN 430	8,3 mm 8,1 mm (UB,LX,NT)	8,5 mm	8,5 mm
Weight	EN 430	10,99 - 12,44 Kg/m ²	11,11 - 11,96 Kg/m ²	12,18 - 12,20 Kg/m ²
Residual Indentation	EN 433	max. 0,03 mm	max. 0,03 mm	max. 0,03 mm
Fire Resistance	EN 13501-1	Class BFLs1 (B1)	Class BFLs1 (B1)	Class BFLs1 (B1)
Chemical Resistance	EN 438	Grade 5 (Groups 1 and 2) and Grade 4 (Group 3)	Grade 5 (Groups 1 and 2) and Grade 4 (Group 3)	Grade 5 (Groups 1 and 2) and Grade 4 (Group 3)
Dimensional stability	EN 434	- 0,10 %	- 0,10 %	- 0,10 %
Curving	EN 434	0,2 mm	0,2 mm	0,2 mm
Acoustic Certification	EN ISO 717-2	ΔLw= 20dB	ΔLw= 20dB	ΔLw= 20dB
Cigarette burn resistance	EN 438 - 2	Class 3	Class 3	Class 3
Impact Resistance	EN 1534	7,4 Kgf/mm ²	7,4 Kgf/mm ²	7,4 Kgf/mm ²
Slip/Slide Resistance	EN 12633	Class 2	Class 2	Class 2
	DIN 51130	R10	R10	R10
Flexibility	EN 435	10 mm	10 mm	10 mm
UV Resistance	ISO 105	≥ Grade 6	≥ Grade 6	≥ Grade 6
Formaldehyde emission	EN 717	E1 / Ü sign	E1 / Ü sign	E1 / Ü sign
Water Resistant test	EN 317	0% Swelling	0% Swelling	0% Swelling
Thermal Resistance	EN 12664	0,060 m ² K/W*	0,060 m ² K/W*	0,060 m ² K/W*
Locking Strength	ISO 24334	> 600 kg/ml	> 600 kg/ml	> 600 kg/ml
Antistatic Performance	EN 1815	< 2 kv	< 2 kv	< 2 kv
Castor chairs suitability**	EN 425	Continuous use	Continuous use	Continuous use

* Suitable for underfloor heating system / **Suitable for soft polyamide wheels (type W)



Floover SplasH2O Light Flooring, size 1230x305x5,2mm, Synchro collection, Plank range, reference SC3012. Classification 23/33 with high abrasion resistance, stains resistance class 0 according to norm EN423, fire resistance classification BflS1 and grade 6 of UV resistance. Floover SplasH2O Light is designed as floating flooring for wet areas. It is optional to add Flooverflex backing to improve sound insulation and comfort. Before installing, allow the material to acclimatize for 48 hours in the installation area. The distance from the wall and from all the stable elements must be of 10 mm at least to allow flooring natural movements. SplasH2O Light with Flooverflex can be installed combined with HDF Light for dry areas thanks to their Unilin clic.

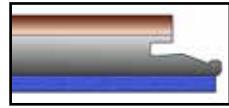


SPLASH₂ LIGHT₂

TECHNICAL DATA SHEET



- ① Layer of transparent PVC
- **0,3 mm Original**
- **0,55 mm Synchro and Plus**
- ② Printed Decor
- ③ Vinyl
- ④ PVC Rigid 3,2 mm
- ⑤ +1,5mm foam (Optional) +3 dB



EP2246188A1 Patent Floover

Characteristics	Test	SplasH2O Original	SplasH2O Synchro	SplasH2O Plus
Classification	EN 16511	23 / 32	23 / 33	23 / 33
Dimensions	EN 427	915 x 305 mm 620 x 450 mm (CM,CR,MT,LE) 1230 X 225 mm (SQ) 1235 x 230 mm (NT, UB, LX)	1230 x 225 mm (Rustic) 1230 x 305 mm (Plank + Endless)	915 x 305 mm or 620x450 (CMT,IWT,CRT) 1235x305 mm (WDT2004)
Thickness	EN 430	5,1 mm 4,9 mm (UB,LX,NT)	5,2 mm	5,2 mm
Weight	EN 430	6,78 - 7,55 Kg/m ²	7,63 - 7,96 Kg/m ²	7,88 - 7,98 Kg/m ²
Residual Indentation	EN 433	max. 0,03 mm	max. 0,03 mm	max. 0,03 mm
Fire Resistance	EN 13501-1	Class BFLs1 (B1)	Class BFLs1 (B1)	Class BFLs1 (B1)
Chemical Resistance	EN 438	Grade 5 (Groups 1 and 2) and Grade 4 (Group 3)	Grade 5 (Groups 1 and 2) and Grade 4 (Group 3)	Grade 5 (Groups 1 and 2) and Grade 4 (Group 3)
Dimensional stability	EN 434	- 0,10 %	- 0,10 %	- 0,10 %
Curving	EN 434	0,5 mm	0,5 mm	0,5 mm
Acoustic Certification	EN ISO 717-2	ΔLw= 17dB	ΔLw= 17dB	ΔLw= 17dB
Cigarette burn resistance	EN 438 - 2	Class 3	Class 3	Class 3
Impact Resistance	EN 1534	7,4 Kgf/mm ²	7,4 Kgf/mm ²	7,4 Kgf/mm ²
Slip/Slide Resistance	EN 12633	Class 2	Class 2	Class 2
	DIN 51130	R10	R10	R10
Flexibility	EN 435	10 mm	10 mm	10 mm
UV Resistance	ISO 105	≥ Grade 6	≥ Grade 6	≥ Grade 6
Formaldehyde emission	EN 717	E1 / Ü sign	E1 / Ü sign	E1 / Ü sign
Water Resistant test	EN 317	0% Swelling	0% Swelling	0% Swelling
Thermal Resistance	EN 12664	0,032 m ² K/W*	0,032 m ² K/W*	0,032 m ² K/W*
Locking Strength	ISO 24334	> 500 kg/ml	> 500 kg/ml	> 500 kg/ml
Antistatic Performance	EN 1815	< 2 kv	< 2 kv	< 2 kv
Castor chairs suitability**	EN 425	Continuous use	Continuous use	Continuous use

* Suitable for underfloor heating system / **Suitable for soft polyamide wheels (type W)



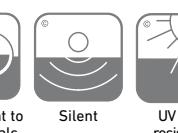
Slip Resistant
Fire resistance



Ecological
Abrasion resistance



Antistatic
Resistant to Chemicals



Silent
UV Ray resistant



No Glue Installation System
Impact resistant



UNICLIC

Installation up to 120m2 without expansion joints. Maximum 12m length / 10m width.

Floover SplasH2O Design flooring, size 1235x230x5,5mm, reference SD30-1902. Swiss made, classification 23/32 with high abrasion resistance, fire resistance classification BflS1 and grade 6 of UV resistance. Floover SplasH2O Design is designed as floating flooring for wet areas. It has a waterproof underlay that improves sound insulation and comfort. Before installing, allow the material to acclimatize for 48 hours in the installation area. The distance from the wall and from all the stable elements must be of 10 mm at least to allow flooring natural movements.



SPLASH₂⁰ DESIGN²

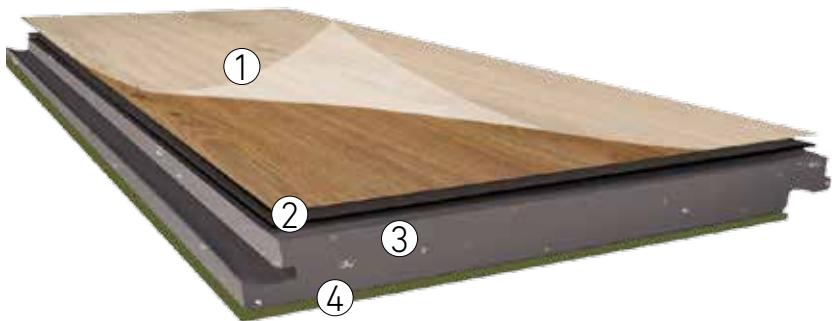
TECHNICAL DATA SHEET

Floover SplasH2O Design is 100% waterproof as the SplasH2O and SplasH2O Light ranges but lighter than them. It has a scratch-resistant, dirt-proof and very easy-care vinyl top layer on a waterproof board with the click system guaranteeing resistance until 500 kg/ml. It incorporates a waterproof underlay that dramatically improves the sound transmission performance.

Only for
SplasH2O Design
range



- ① Vinyl foil: 0,3 / 0,55 mm + decor 0,1 mm
- ② Elastic vinyl foil 0,5 mm
- ③ Waterproof hydro core board 3,2 mm
- ④ Waterproof sound underlay 1,4 mm



Characteristics	Test	SplasH2O Design
Classification	EN 16511	23/32 (0,3mm) - 23/33 (0,55mm)
Dimensions	EN 427/428	1235 x 230 mm
Thickness	EN 430	5,5 - 5,7 mm
Weight	EN 430	ca. 6000 g/m ²
Impact Sound Reduction	EN ISO 717-2	18 dB
Fire Resistance	EN ISO 9239-1	Class BFLs1 (B1)
Effect of castor chair	EN 425	Suitable for type W
Dimensional Stability	EN 434	- 0,10 %
Thermal Resistance	EN 12524	0,088 m ² K/W
Residual Indentation	EN 433	max. 0,03 mm
Reaction to static electricity	EN 1815	< 2kV
Lightfast	ISO 105	6/7
Coefficient of friction	EN 51130	R9
Resistance to chemicals	EN 423	Good resistance
Emissions Value		In conformity with Ü-sign
Water Resistant test	EN 317	0% Swelling
Locking Strength	ISO 24334	> 500 kg/m



Fire
Resistant



Ecological



Abrasion
Resistant



Antistatic



Chemical
Resistant



Silent



UV Ray
Resistant



No Glue
Installation
System



Impact
Resistant



Waterproof



Produced under license of Uniclic. EP nr. 0643751/UL3 paper nr. 1/006-486

Installation up to 120m² without
expansion joints. Maximum 12m
length / 10m width.

Floover Raised Softcore, size 600x600x38mm, Synchro collection, Plank range, reference SC3010. Classification 23/33 with high abrasion resistance, stains resistance class 0 according to norm EN423, fire resistance classification CflS1 and grade 6 of UV resistance. Floover Raised is specially designed as an raised access floor for areas where no prework is needed. It is warm and sound insulating. Before installing, allow the material to acclimatize for 48 hours in the installation area. The height can be regulated by adjusting the pedestals. It is possible to take off a single piece using suckers.

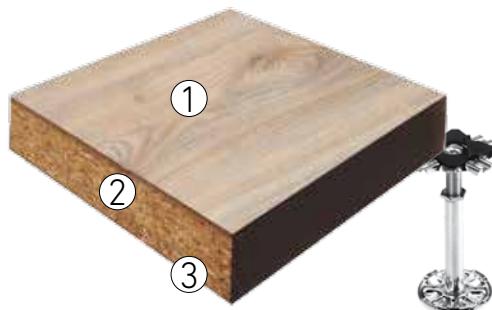


RAISED

TECHNICAL DATA SHEET

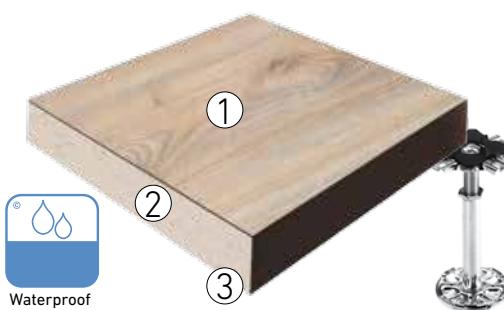
Floover Raised is a solution ideal for offices, museums or large areas where no prework for the subfloor. Intended particularly for workplaces, offices or technical areas where there is lots of cabling, pipes and other connections to be installed. Antistatic, durable, silent, antibacterial and warm. Available in every reference.

RAISED SOFTCORE



- ① Top layer: PVC
- ② Core: High density chipboard. Thickness 38 mm
- ③ Bottom Layer: Aluminum foil

RAISED HARDCORE



- ① Top layer: PVC
- ② Core: Calcium Sulphate. Thickness 30 mm
- ③ Bottom Layer: Aluminum foil



	Characteristics	Test	Floover Raised SoftCore	Floover Raised Hardcore
CORE	Dimensions		600x600 / 600x900 / 600x1200 mm	600x600 / 600x900 / 600x1200 mm
	Tile thickness (without top layer)		38 mm	30 mm
	Core panel density		720 kg/m ³	1450 kg/m ³
	Tile weight		26,7 kg/m ²	54 kg/m ²
	Distributed load without structure/with light beams	EN12825	800 kg/m ²	1200 kg/m ²
	Distributed load with heavy beams	EN12825	1400 kg/m ²	1900 kg/m ²
	Electrostatic conductivity	EN1815	≤ 2kv	≤ 2kv
	Fire Resistance	EN13501	Cfl-S1	Bfl-S1
	Formaldehyde emission	EN312-1	E1	E1
	Thermal conductivity		2,4 w/ m2 °C	3,5 w/ m2 °C
	Acoustic Insulation RLWP		≥ 32 dB	≥ 45 dB

LVT TOP LAYER	Residual Indentation	EN 433	max. 0,03 mm
	Chemical Resistance	EN 423	Class 0
	Fire Resistance	EN 13501-1	Class BFLs1 (B1)
	UV Resistance	ISO 105	≥ Grade 6
	Fungus test	ASTM G21:96	Grade 1
	Slip/ Slide Resistance	EN 12633	Class 2
		DIN 51130	R10



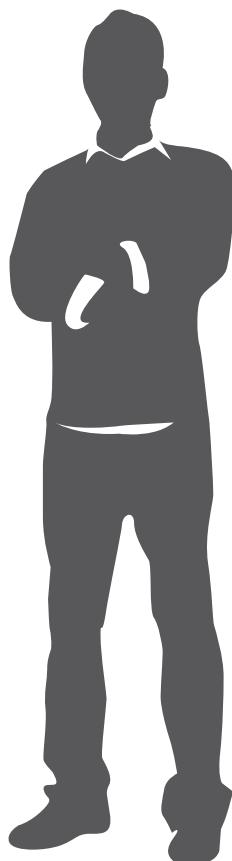




DECORS LVT RANGE

Integrate the best designs and finishes in your project

LVT FORMATS



1235 x 230 mm



1230 x 225 mm



915 x 305 mm



1230 x 305 mm



620 x 450 mm



SOLUTIONS COLLECTIONS

URBAN
LUXURY
NATURAL
SPASH20 DESIGN*

SEQUOIA
SYNC. RUSTIC

COUNTRY
WOOD
STONE
LEATHER
METALLIC
PLUS

SYNC. PLANK

SYNC. ENDLESS

STONE
LEATHER
METALLIC
PLUS

GLUE DOWN - HDF - HDF LIGHT - SPLASH20 - SPLASH20 LIGHT

*Except Splash20 Design

GLUING AND CLICK SYSTEMS

LVT FORMATS



1815 x 230 mm



1828,8 x 228,6 mm



600 x 1200 mm



600 x 900 mm



600 x 600 mm



LONGBOARD

NATURAL

ALL DECORS

ORIGINAL
(EXCEPT SEQUOIA)
AND PLUS
COLLECTIONS

SEQUOIA
AND SYNCHRO
PLANK,
ENDLESS
AND RUSTIC

GLUE DOWN -
HDF

LOOSE LAY
ANTISKID

RAISED SOFTCORE - RAISED HARDCORE

FLOATING
SYSTEM

RAISED ACCESS FLOOR

The Natural range is a new line of wood designs.
Neat and clean designs from a natural oak in 5 different colors.
The natural range has twice as much patterns and thus less repetition in the design, which gives an even more natural impression of the flooring as a whole.



NT1202 + NT1204
Loose Lay Antiskid solution

original

NATURAL

Dimensions: 1235 x 230 mm/
1828,8 x 228,6 mm (Loose Lay Antiskid)
Wear Layer Thickness: 0,3 (Loose Lay Antiskid 0,55 mm)
Embossing: Thin Grain
Super Coating
Pattern repeat: 8x2



Microbevel
4 sides
(Antiskid solution)



NT1201
White Washed



NT1202
Grey Oak



NT1203
Volcano



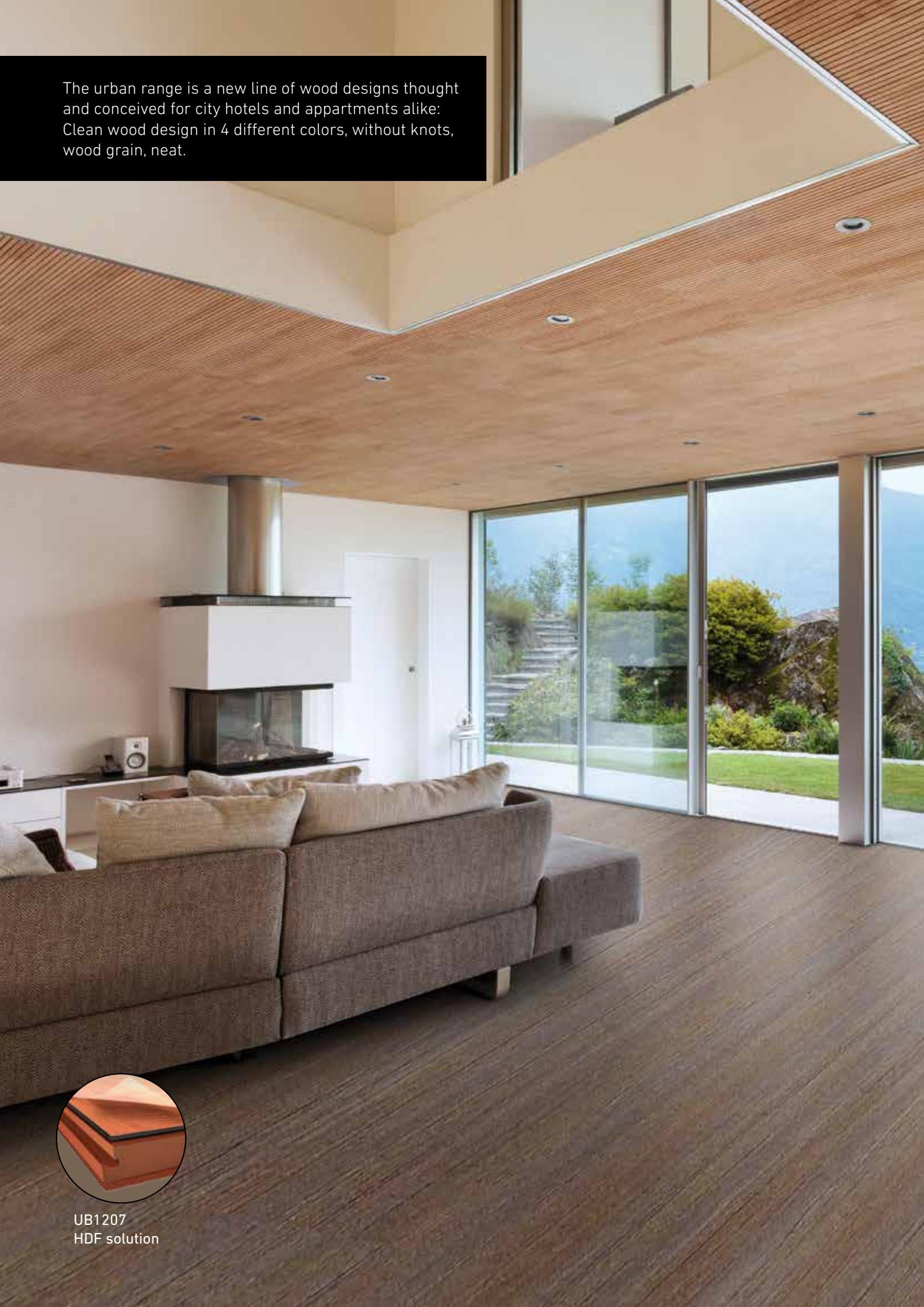
NT1204
White Oak



NT1205
Natural Oak



The urban range is a new line of wood designs thought and conceived for city hotels and appartments alike:
Clean wood design in 4 different colors, without knots,
wood grain, neat.



UB1207
HDF solution

original

URBAN

Dimensions: 1235 x 230 mm
Wear Layer Thickness: 0,3 mm
Embossing: Handscrape
Super Coating
Pattern repeat: 4x2



UB1206
Kensington



UB1207
Chelsea



UB1208
Knightsbridge

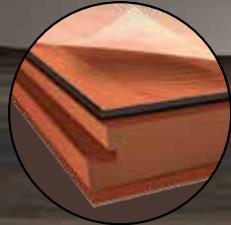


UB1209
Belgravia



* The waterproof underlayment Flooverflex or Alveolar is optional

The luxury range aims to represent the most exotic wood designs and is conceived for residential objects with a noble and luxurious atmosphere.



LX1212
HDF solution

original

LUXURY

Dimensions: 1235 x 230 mm
Wear Layer Thickness: 0,3 mm
Embossing: Handscrape (LX1213: Wood)
Super Coating
Pattern repeat: 4x2



LX1210
Chesnut



LX1211
Walnut Grey



LX1212
Walnut



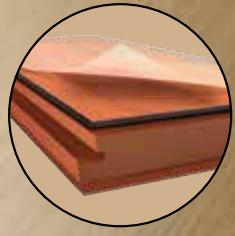
LX1213
Maple *

* Dimensions and logistic data
same as Sequoia range



* The waterproof underlayment Flooverflex or Alveolar is optional

This line introduces four new Floover colours on an innovative and modern plank size and enables to visually widen the room and create a classic atmosphere.



LB9004
HDF LIGHT solution

long

LONGBOARD

Dimensions: 1815 X 230 mm
Wear Layer Thickness: 0,55 mm
Embossing: Wood
PU Coating
Pattern repeat: 4x2



LB9001
Molokaï



LB9002
Gardner



LB9003
Necker



LB9004
Laysan



Floover Sequoia is a really impressive line. Due to the length of its planks, its superficial texture and its decors, this line is particularly suitable for creating beautiful natural designs on the floor.



SQ1805
HDF solution

original

SEQUOIA

Dimensions: 1230 x 225 mm
Wear layer thickness: 0,3 mm
Embossing: Wood
PU Coating
Pattern repeat: 4x2



SQ1801
Ancient Oak



SQ1805
Oak Limewashed



SQ1806
Aspen Oak



SQ1807
Ash



SQ1808
Barrel Grey

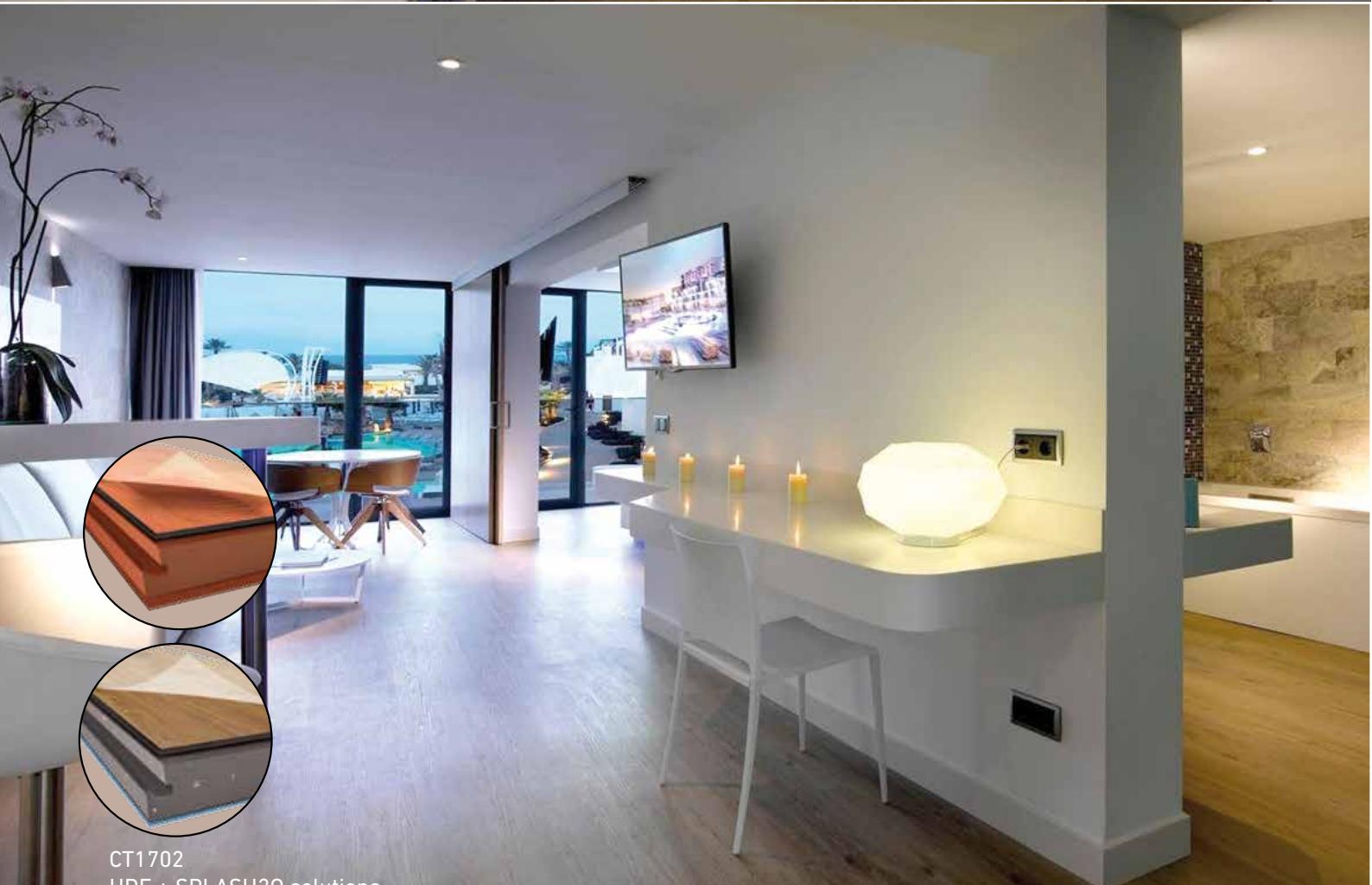


SQ1809
Excelsior Grey



* The waterproof underlayment Flooverflex or Alveolar is optional

Floover Country, in its vivid and welcoming aspect, is able to give a hospitable warmth that can make your guests feel at ease. This collection consists of wood look decors so realistic that they recreate rustic and natural scenarios like those of old country houses.



CT1702
HDF + SPLASH20 solutions

original

COUNTRY

Dimensions: 915 x 305 mm
Wear layer thickness: 0,3 mm
Embossing: Wood
PU Coating
Pattern repeat: 2x2



CT1702
Tradition Classic



CT1703
Tradition Lime Washed



CT1704
Tradition Authentic



CT1706
Rustic Old



CT1707
Rustic Natur

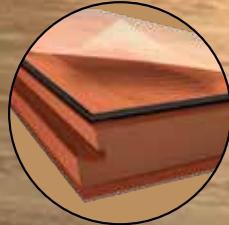


CT1708
Rustic Light



* The waterproof underlayment Flooverflex or Alveolar is optional

All the warmth and taste of genuine and authentic life reborn today in environments carefully designed to make you feel at home. Reassuring atmosphere, personality and ancient virtues meet the current values, giving rise to a new interpretation of natural spontaneity.



WD1006
HDF solution

original
WOOD

Dimensions: 915 x 305 mm
Wear layer thickness: 0,3 mm
Embossing: Wood
PU Coating
Pattern repeat: 2x2



WD1003
Wenge



WD1004
White Grey



WD1005
Jatoba



WD1006
Maple



WD1007
Oak Grey



WD1009
Oak White



* The waterproof underlayment Flooverflex or Alveolar is optional

Broadens the horizons of your imagination. A collection with infinite possibilities and unique characteristics of durability and comfort designed to meet all your needs with extraordinary simplicity.



CM1305
HDF solution

original
STONE

Dimensions: 620 x 450 mm
(Also available in 915 x 305 mm)
Wear layer thickness: 0,3 mm
Embossing: Concrete
PU Coating
Pattern repeat: 2x2



FT1102
Ceramic Perla



FT1305
Cement Grey



FT1304
Cement Dark



FT1103
Ceramic Antracita

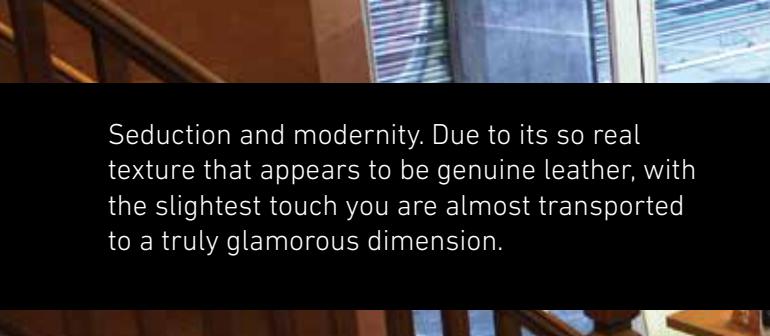


FT1307
Concrete Light



FT1306
Concrete Dark

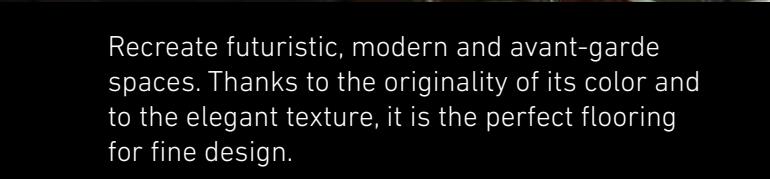
* The waterproof underlayment Flooverflex or Alveolar is optional



Seduction and modernity. Due to its so real texture that appears to be genuine leather, with the slightest touch you are almost transported to a truly glamorous dimension.



LE1603
SPLASH20 solution



Recreate futuristic, modern and avant-garde spaces. Thanks to the originality of its color and to the elegant texture, it is the perfect flooring for fine design.



MT1401
SPLASH20 solution

original

LEATHER



FT1601
Leather Black



FT1602N
Leather Brown



FT1603
Leather Crocodile

Dimensions: 620 x 450 mm
(Also available in 915 x 305 mm)
Wear layer thickness: 0,3 mm
Embossing: Leather
PU Coating
Pattern repeat: 2x2

original

METALLIC



FT1401
Metallic Silver



FT1404
Metallic Swing

Dimensions: 620 x 450 mm
(Also available in 915 x 305 mm)
Wear layer thickness: 0,3 mm
Embossing: Cement
PU Coating
Pattern repeat: 2x2

The sophisticated design that results from simply joining the boards gives the impression of a unique 2.46m long single plank. The synchronization technology of the surface assigns three dimensional effects. The combination of these two revolutionary applications gives an intense depth to the flooring that broadens your horizon and is especially appreciated by innovative designers and architects.



SC3018
SPLASH20 solution

synchro

ENDLESS

Dimensions: 1230 (x2) x 305 mm

Wear layer thickness: 0,55 mm

Register Embossing

PU Coating Mate

Pattern repeat: 6x2



Microbevel
2 long sides



SC3013
Endless Old



SC3014
Endless Antique



SC3015
Endless Real



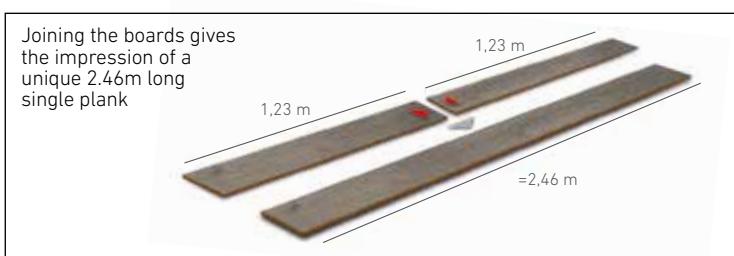
SC3016
Endless Ice



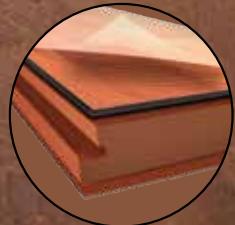
SC3017
Endless Modern



SC3018
Endless Warm



The synchronous pore structure is one of the most innovative decorative elements in the flooring design, as it is capable of superbly enhancing the natural grain and contrasts of the wood, giving depth and realism to the entire surface. The synchro range perfectly embodies all these features and guarantees high abrasion resistance thanks to the 0.55mm wearing surface.



SC3004
HDF solution

synchro

RUSTIC

Dimensions: 1230 x 225 mm
Wear layer thickness: 0,55 mm
PU Coating
Register Embossing
Pattern repeat: 4x2



Microbevel
4 sides



SC3001
Rustic Oak Moscow



SC3002
Rustic Oak Stockholm



SC3003
Rustic Oak Zurich



SC3004
Rustic Oak Amsterdam



SC3005
Rustic Oak Berlin

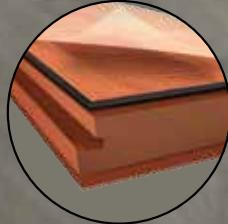


SC3006
Rustic Oak Dublin



* The waterproof underlayment Flooverflex or Alveolar is optional

The synchronous structure enhances the natural grain and contrasts of the wood, giving depth and realism to the entire surface. Synchro range guarantees and ensures, thanks to a surface of 0.55 mm, a high abrasion resistance.



SC3011
HDF solution

synchro

PLANK

Dimensions: 1230 x 305 mm
Wear layer thickness: 0,55 mm
Register Embossing
PU Coating
Pattern repeat: 4x2



SC3007
Plank Harmony Dark



SC3008
Plank Harmony Accent



SC3009
Plank Harmony White



SC3010
Plank Harmony Light



SC3011
Plank Harmony Grey



SC3012
Plank Harmony Classic



* The waterproof underlayment Flooverflex or Alveolar is optional

The increased thickness of PVC guarantees maximum resistance of use and maximum resistance under any conditions of use and maximum protection against stains and chemicals.



CRT2104
SPLASH20 LIGHT solution

plus

PLUS

Dimensions: 915 x 305 / 620 x 450 mm

Wear layer thickness: 0,55 mm

*Special dimension: 1235 x 305 mm

Embossing: Smooth (WDT2004: Wood/ WDT2001/2: Fineline)

PU Coating

Pattern repeat: 2x2



IRT2005
Iron



IRT2006
Iron Gold



CMT2007
Cement Silver



CMT2008
Cement White



CRT2104
Black Slate



WDT2001
Wood Wenge



WDT2002
Wood White



WDT2003
Industrial Grey



WDT2004*
Industrial Brown



* The waterproof underlayment Flooverflex or Alveolar is optional

SplasH2O Design is an innovation that combines the design with great technical performances. It is waterproof and has great acoustic insulation. It is completely environment-friendly, absolutely safe and has no negative effect on nature or people. SplasH2O Design is available in 10 different designs.



SPLASH,² DESIGN²

Dimensions: 1235 x 230 mm
Wear Layer Thickness: 0,3 / 0,55 mm
Embossing: Wood
Pattern repeat: 4x5



SD30-1901
Core Beach



SD30-1902
Walnut



SD30-1903
Oak Vita



SD30-1904
Chesnut Living



SD30-1905
Oak fossil



SD55-2901
Old wood macchiato stripe



SD55-2902
Old wood mocca stripe



SD55-2903
Oak trentino



SD55-2904
Oak Gold



SD55-2905
Old Sahara

Only for
Splash2 Design
solution





ACCESSORIES

Same designs and textures as flooring

SKIRTING

CLICK SKIRTING

Available in every Floover decor. Skirting length depending on decor.

70 x 11 x 915 / 1230 mm / 1815 mm

45 x 11 x 915 / 1230 mm / 1815 mm

MINIMUM ORDER QUANTITIES		
Plank width	305 mm	225-230 mm
Multiples of..		
45 mm	6	4
70 mm	4	3

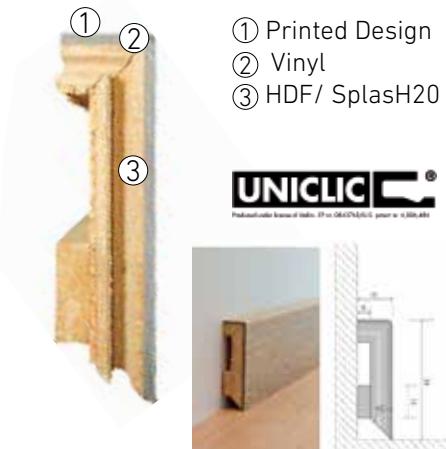


NEW CLICK SKIRTING

Available in every Floover decor. Skirting length depending on decor.

56 x 15 x 915 mm / 1230 mm / 1815 mm

MINIMUM ORDER QUANTITIES	
Plank width	56 mm
Multiples of..	
225-230 mm	3
305 mm	4



STAIRNOSE AND TRANSITION

STAIRNOSE 1 (WITH NOSE)

Same designs and textures as flooring. Perfect joint with Unilin Clic, it means there is no lip over. Perfect even connection to the flooring. Same length and thickness as flooring piece.



Minimum order quantity multiple of 2

STAIRNOSE AND TRANSITION

STAIRNOSE 2 (WITHOUT NOSE)

Same designs and textures as flooring. Perfect joint with Unilin Clic, it means there is no lip over. Perfect even connection to the flooring. Same lenght and thickness as flooring piece.



Minimum order quantity multiple of 2

STAIRNOSE CLASSIC 1A

Same designs and textures as flooring. Perfect joint with Unilin Clic, it means there is no lip over.



STAIRNOSE CLASSIC WITH SIDE FINISHING 1B

Same designs and textures as flooring. Perfect joint with Unilin Clic, it means there is no lip over.



STAIRNOSE WITH NOSE 2A

Same designs and textures as flooring. Perfect joint with Unilin Clic, it means there is no lip over.



STAIROSE AND TRANSITION

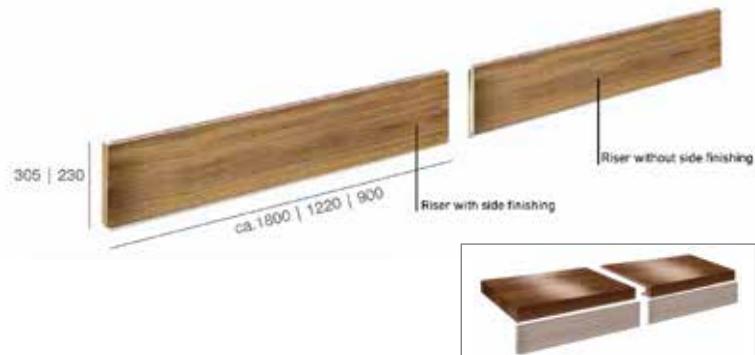
STAIROSE WITH NOSE AND SIDE FINISHING 2B

Same designs and textures as flooring. Perfect joint with Unilin Clic, it means there is no lip over.



RISER WITH SIDE FINISHING

Same designs and textures as flooring.



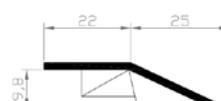
TRANSITION OVERLAP

Available in every Floover reference. Same level as the flooring. Same lenght and thickness as flooring pieces.

Order quantity:

Multiple of 6 when producing from 305mm width planks

Multiple of 4 when producing from 225mm width planks



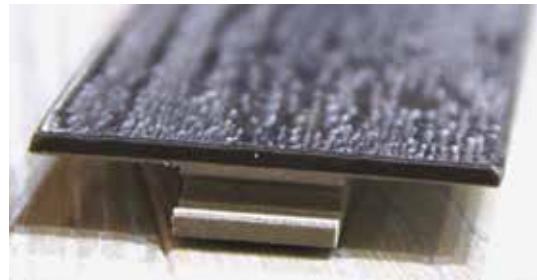
DILATATION JOINT

Same design and textures as flooring. Same lenght as floor planks.

Order quantity:

Multiple of 6 when producing from 305mm width planks

Multiple of 4 when producing from 225mm width planks



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FLOOR RAISED ACCESSORIES

PEDESTALS FLOOR RAISED

Galvanized steel pedestals adjustable in height from 30 mm to 1800 mm, with conductive plastic lining.

Box: head 50 pieces + feet 50 pieces

Piece: 0,45 kg (approx. 247 mm)

① Plastic lining: Latistat 48/9900-03 Y2c/ 15% PEBD

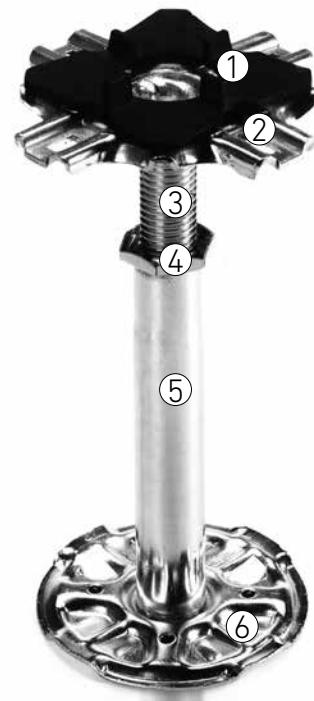
② Head: Diameter 90 mm with 2 mm thickness. Quality Stw22

③ Threaded tube with M16 thread. Quality TC310 TRECEM

④ Fixing nut: M16 0.7 mm thickness. DIN 796

⑤ Tube: Diameter 20 mm with 2 mm thickness.
Quality ST 34-2 (tube diameter increases with higher altitudes)

⑥ Base: Diameter 80 mm with 1.5 mm thickness. Quality Stw22



BEAMS FLOOR RAISED

Galvanized steel beams with different characteristics, depending on the application:

1. **Standard:** 0.8 mm thickness. Clic system. Suitable to brace technical raised floors supporting normal traffic loads. Used normally from 25 cm in total height.

2. **Heavy:** consists of a tube of 25 x 25 mm and 1 mm thickness. Are fitted by a self-tapping screw M5x12 mm. Suitable to brace raised floors that support heavy loads (electrical panels, transformers rooms, etc...) and over 25cm height.



STANDARD

Box: 160 pieces (32 Kg/box)

HEAVY

Box: 120 pieces (48 Kg/box)

OTHER COMPLEMENTS

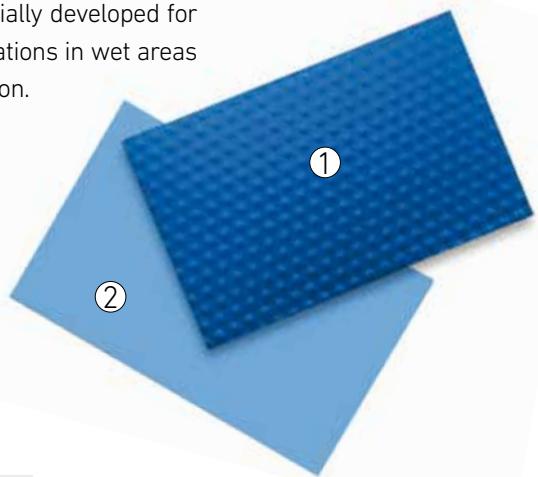
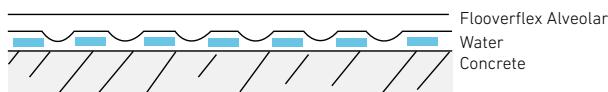
FLOOVERFLEX



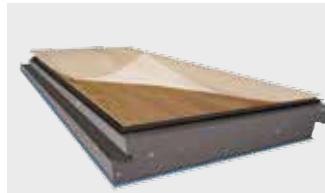
Floor underlayment foam for water vapour control. Specially developed for Floover SplasH₂O and SplasH₂O light solutions for installations in wet areas it reduces sound transmission and improves heat insulation.

① Flooverflex Alveolar: Extruded polystyrene Foam HD-XPS

- No smashing effect (sound and pressure)
- Evaporation effect convenient

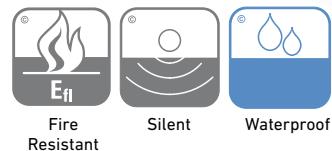


② Flooverflex Original: Vinyl Foam HD-HEPS



FLOOVER SPLAS_H₂O AND SPLAS_H₂O LIGHT WITH FLOOVERFLEX INTEGRATED:

A finished product that saves labour and transport cost in just one component.



Characteristics	Test	Flooverflex Original *	Test	Flooverflex Alveolar
Colour		Blue		Blue
Material		HD-HEPS		HD XPS
Dimensions	EN 822	635 x 930 / 1245 x 954 mm	EN 822	635 x 930 / 1245 x 954 mm
Thickness	EN823	1,5 mm	EN 12431	1,5 mm
Load Resistance (in compression 0,5mm)	EN 826	≥ 200 (-20) kPa (t/m ²)	EN 826	≥ 500 (~50) kPa (t/m ²)
Thermal resistance	DIN 4108	~ 0,039 m ² Kw	ISO 8302	~ 0,0599 m ² Kw
Absorption	EN 12087	< 0,5 Vol. %	EN 13472	< 0,05 kg/m ²
Weighted reduction of impact sound's level	ISO 140-8	13 dB	ISO 140-8	19 dB
Weighted reduction of acoustic sound's level	CEN TC1276	5 dB	IHD- W 31	6,3 dB
Suitability for underfloor heating		yes **		yes

* Remarks: All above values are determined at laboratory conditions and with defined laboratory test sets. They can deflect in praxis or with other system components. Therefore, all performance data tolerances are possible due to uncertainty of the test method. The above statements reflect the current state of our knowledge, providing information about our products and their application. Therefore they cannot guarantee particular product features or suitability for a specific application.

** Recommendation: The effective audibility for the application underfloor heating have been identified based on system component. The recommendation of BVF should not exceed the total flooring system of 0,15 m² K/W.

POLYPROPYLENE FILM

To install Floover flooring, just place the Polypropylene Film on the ground and seal the unions with masking tape, to ensure the vapour barrier as per the European rules. This is essential to ensure the proper performance of the flooring.

100 gr/m² - 8 kg

100 m² x 100ml





INSTALLATION & MAINTENANCE

How to install, clean and maintain Floover

CLICK SYSTEM

INSTALLATION (HDF, HDF LIGHT, SPLASH20, SPLASH20 LIGHT AND SPLASH20 DESIGN)

BEFORE INSTALLATION

Before, during and after the installation, the room must be preserved in ambient conditions delineated in the paragraph "air-conditioning".

Before the installation, make sure the product has not been damaged during transportation. Damaged material will be not replaced once installed. If any manufacturing defect, wrong color or brightness is found during the inspection, please immediately contact the retailer from which the flooring was purchased.

Some differences of colour and structure are due to the nature of the material and so they cannot be an object of a claim. As with all natural products once exposed to sunlight there is a possibility that there will be some minor alteration in the colour. Also, once the product is subjected to extreme ambient conditions of temperature and/or humidity some modifications of the dimensions of the board can occur (between 0,15% and 0,30% dilatation).

Surface base: All surfaces where the product has to be fitted, must be predisposed to the laying, following principles in respect of the actual normative, in particular the requisites will be:

1. Dry and without humidity (cement subfloor <2.0% CM – anhydrite <0.5% CM).
2. Level (with differences of level of max. 2 mm for one meter).
3. Compact and resistant screed.
4. Clean and without crusts and dust.

AIR-CONDITIONING

The floor must be conserved at a temperature of the environment in which it will be laid for 24 hours before the fitting.

The ideal conditions are 18°/22°C of temperature and 40 - 60% of humidity.

FUNDAMENTAL NORM FOR THE INSTALLATION

Place a layer of PE-film of 0,2 mm thickness on the entire installation area, which acts as a "Barrier of Vapour" and helps the "sliding" of the product. The joints of the different PE film sheets must be placed upon each other for 20 cm at least. It is also recommended for SplasH2O range.

The flooring must always be fitted in a floating way, so without glue to the below surface or anchorages of nails or screws.

Assure a stagger of the board not inferior of 300 mm.

Maintain a distance of 10 mm from all the fixed structural works at the edge of the perimeter.

In the areas, doors, passages or surfaces bigger than 120 m² and also in the length superior to 12 m or 10 m width, you have to consider the use of dilatation joints (HDF/HDF Light:

150 m² / 15 m length – 10 m width).

Cut the profiles of the doors at the high of the flooring. Our range of indoor products is suitable for all types of spaces. SplasH2O Design is recommended for wet areas such as kitchens, bathrooms or SPA rooms.

In areas near to large windows or glass fronts, the impact of sunlight can create temperatures on the flooring of up to 60°C. Floover recommends HDF or HDF Light instead of SplasH2O, SplasH2O Light or SplasH2O Design and the use of curtains to minimize the heating of the flooring.

This flooring shows different features: It is elastic, insulating in the thermic and acoustic point of view and it is easy to maintain. It is also resistant and simple to install. The floor has a click system without glue and you can remove it in any moment without any damage and then re-install it following the initial instructions.

INSTALLATION

To start with, it is necessary to have adhesive tape and polyethylene film, which is important as insulating against the vapour. The essential tools are: metre, pencil, saw, hammer, sealing, level and spacers.

Open the packs only when you install the flooring and mix the boards of the different boxes.

1. Start to install the first row from a corner of the room using the spacers to leave the distance necessary for the dilatation of the flooring.
2. If possible, install the planks in the direction of the sunlight in the room
3. Join the boards laterally by setting the planks in an angle of 15°-20° and gently clicking it in, until you hear the acoustic "click"
4. Cut the board necessary to complete the first line and save the not installed piece.
5. After having lined up the first line of boards, lay the second line using the remaining piece of the last board of the previous line. Install the first board of the second line slightly diagonal as indicated and fix it by balancing it.
6. The short joints of the boards between two different lines, must be offset of 300 mm at least (stagger).
7. Proceed in the same way with the second board and position the frontal part of this last one against the first one.
8. To install the last line of the boards measure the remaining distance between the wall and the last line. Cut the boards in the length and lay them.

Note: When you use a tapping block (min. 20cm long) to click

INSTALLATION (HDF, HDF LIGHT, SPLASH20, SPLASH20 LIGHT AND SPLASH20 DESIGN)

or put together the short side flat, not put the tapping block against the tongue. Put the tapping block against the groove or the over lip from the tongue side, otherwise you can damage the tongue.

The distance from the wall and from all the stable elements must be of 10 mm at least. (minimum 1,5 mm for every metre of width in the larger room). Do not place heavy furniture on the flooring, it can block its natural movements.

AFTER LAYING

Remove the spacers after the complete laying of the flooring. Apply felt pads under the tables, chairs etc... When you move heavy furniture, lift them and do not trail them. Office chairs must have soft polyamide wheels in respect of the norms. Skirting, profiles, repairing tools and detergents are very important accessories. Your retailer can suggest and show you a large range of accessories available. Protect your floor in future works.

CLEANING AND MAINTENANCE

Clean the floor with a humid cloth after the laying and before the fitting of the skirting. For the first cleaning, please use spe-

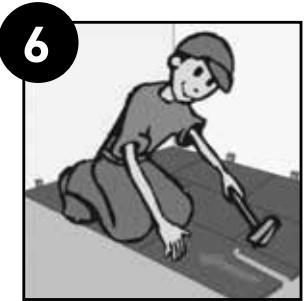
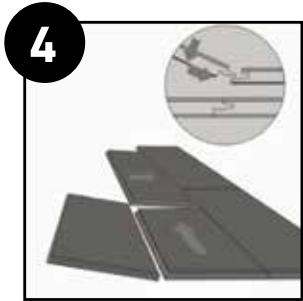
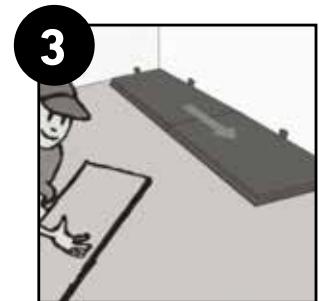
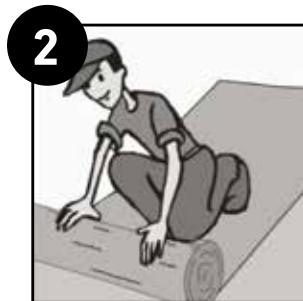
cial maintenance cleaner for PVC. Depending on level of use, the flooring must be cleaned in regular intervals with topic cleaner, never wet but humid and well squeezed.

The duration of your floor doesn't depend only on the use, but also on the maintenance and cleaning. Use only suitable products and follow our indications. Do not use aggressive essences with glycerine because they can attack the surface.

UNDERFLOOR HEATING

It is possible to install the floor on an underfloor heating system. Before installation, it is necessary to have the heating system working at 25 – 30 °c for 10 days before installation, to ensure that any humidity has been dried.

Once the floor has been installed, turn on the heating system gradually, increasing the temperature 2-3°C daily until it reaches the maximum temperature. This maximum temperature must be maintained for min. 1 day for every cm of the subfloor-thickness and kept also during the night. Then, you must start to decrease the temperature by 2-3°C per day until the temperature of the flooring reaches 15°C (this should take approx. 10 days)



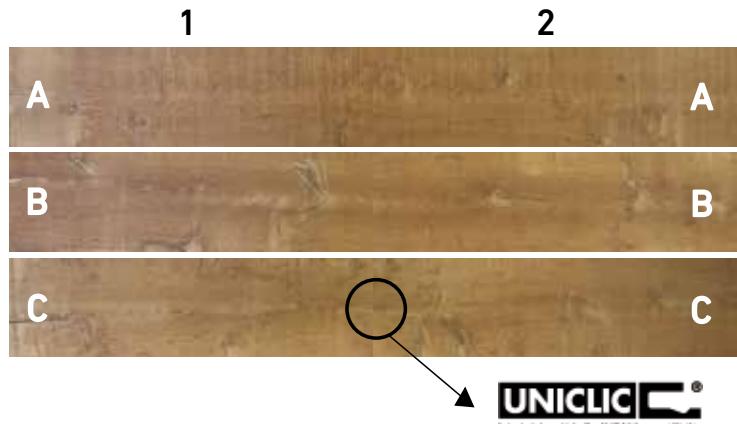
ENDLESS SYNCHRO

INSTALLATION

PACKAGING

Every box of Synchro Endless contains 6 different pieces which are installed 2 by 2 with Click System. It is important to install as per the recommended guidelines as this ensures the continuation of the decor which enhances the authenticity of this product.

For Glue Down version it is possible to have 6 or 8 different pieces. The installer has to put pieces 1 and 2 together following the instructions.



INSTALLATION SYSTEM

Floover Endless reaches maximum attractiveness when is installed in an appropriate way, locking maximum diversity of designs of installation. For this reason we recommend installing the pieces in the following procedure. It's also possible to mix short length pieces with double lenght ones, in order to achieve maximum differentiation.

A1	A2	B1	B2	
B2	C1	C2	A1	A2
A2	B1	B2	C1	
C2	A1	A2	B1	
B2	C1	C2	A1	

LVT GLUE DOWN

INSTALLATION

BEFORE INSTALLATION

Before, during and after the installation, the room must be preserved in ambient conditions delineated in the paragraph "air-conditioning".

Before the installation, check that the product has not been damaged during transportation.

Damaged material will not be replaced once installed.

Due to the nature of the material there might be differences of colour and structure which cannot be an object of a claim.

As with all natural products, once exposed to sunlight there is a possibility that there will be some minor alteration of the colour.

Please make sure all flooring products are from the same item collection and made from the same lot.

Immediately after installation, and before fitting the skirting, clean the floor with a damp cloth.

When you clean the floor for the first time, use special maintenance cleaner for PVC. Depending on level of use the flooring must be cleaned at regular intervals with topic cleaner.

Surface base: All surfaces where product has to be fitted, must be predisposed to the laying, following principles in respect of the actual normative, in particular the requisites will be:

1. Dry and without humidity.
2. Level (with differences of level of 3 mm for one meter at least).
3. Compact and resistant base.
4. Cleaned and without crusts and dust.

AIR-CONDITIONING

The floor must be conserved in the temperature of the environment in which it will be laid for 48 hours before the fitting. The ideal conditions are 20°/22°C of temperature and 50- 60% of humidity. The installation process must be done at a temperature no lower than 15°C.

Open the packs only when you install the flooring and mix the boards of the different boxes (With the exception of Synchro Endless).

Our products are laid by gluing onto any dry and clean surface. To reach a better adhesive result, please choose proper glue for different using areas and always follow user guides from the supplier. For low to moderate levels of traffic we recommend an acrylic high quality glue such as Mapei Ultra-bond ECO800 or similar.

INSTALLATION

The essential tools are: meter, pencil, level, floor roller.

Before installation, we recommend drawing a draft of laying plan always positioning the boards in longitudinal way as regards to the light.

Spread the adhesive out and allow it to aerate.

After having lined up the first line of boards, lay the second line using the remaining piece of the last board of the previous line.

The joints of the boards between two different lines must be offset of 30 cm at least.

Cut the profiles of the doors at the height of the flooring.

For the installation of the last line of the boards: measure the remaining distance between the wall and the last line.

We suggest cutting all the edges of the pieces before applying the glue.

After installation, use a floor roller to run over the joints, vertical and horizontal way.

AFTER LAYING

Apply the felt pads under the tables, chairs etc. Please lift heavy furniture, to avoid trailing marks. The office chairs must have soft polyamide wheels in respect of the norms.

Skirting, profiles, repairing tools and detergents are very important accessories. Your retailer can suggest and show you a large range of accessories available.

UNDERFLOOR HEAT SYSTEM

It is necessary to have the heating system working at 25-30°C for 10 days before installation, to ensure that any eventual humidity has dried.

When installed on floors with underfloor heat system, the temperature of surface cannot be higher than 29°C. Install your floor at least 7 days after the installation of underfloor heat system is completed.

LOOSE LAY ANTI SKID

INSTALLATION

BEFORE INSTALLATION

The installation area must be climate controlled for at least one week before installation, during installation, and continuously after installation. Proper conditions are between 18-29° C. This product is not suitable for installation in non-climate controlled areas such as covered decks, porches or outdoors.

Acclimate the product to the climate-controlled location's temperature for a minimum of 48 hours before starting installation. It is important that the flooring be the same temperature as the area it is installed in.

Pull planks from different cartons when installing to ensure a pleasant blending of colors from possibly different production runs. Slight color variations are normal and expected between print runs.

This loose lay product is for installing in the interior of any building with minimal adhesives, as long as the subfloor has been prepared to the standard as stated in Subfloor Conditions.

Tools Needed: Utility Knife, Carpenters Square or Straight Edge, Tape Measure. If using adhesive, follow adhesive supplier's instructions.

SUBFLOOR CONDITIONS

Subfloor preparation is very important for a successful installation. Roughness or unevenness of the subfloor may telegraph through the new floor. All subfloors should be smooth and flat with a tolerance of 3 mm over 1,8 m or less. All subfloor and underlayment patching must be done with a non-shrinking, water-resistant Portland cement type patching compound.

Product can be installed over most existing hard-surface floor coverings provided the existing floor surface is smooth or can be made smooth. Existing floors must be solid. Fix any loose areas. Deeply embossed existing resilient floors require the use of an embossing leveler to avoid telegraphing to your new floor. Heavily cushioned vinyl flooring or vinyl flooring consisting of multiple layers are not suitable subfloors for installation.

Concrete subfloors must be dry, smooth and free from dust, solvent, paint, wax, grease, oil, asphalt sealing compounds and other extraneous materials. The surface must be hard, dense, and free from powder or flaking. The floor should have a moisture reading of less than 75% RH. New concrete slabs must be thoroughly dry, at least six weeks old and completely cured. The final responsibility for determining if the concrete is dry enough for installation of the flooring lies with the floor covering installer.

Holes, grooves, expansion joints and other depressions must be filled with a Portland cementbased underlayment and troweled smooth and feathered even with the surrounding surface. Concrete floors with a radiant heating system are allowed as long as the temperature of the subfloor does not exceed 27°C at any point. The heating system should be covered with a self-leveling underlayment separating the flooring from the heat source by at least 12 mm.

Ceramic tile must be made smooth by applying a cementitious overlay such as patching or leveling compound.

All wood and wood composite panels, including plywood, OSB, flake board and particle board are acceptable subfloors as long as they are dry, smooth, flat, structurally sound and free of deflection. Joints should be sanded if they exhibit peaking. In metal and Painted Floors remove any loose paint or ether finishes. Existing adhesive residue must be removed or encapsulated. Never scrape adhesive residue that may contain asbestos.

INSTALLATION REQUIREMENTS

- a) Before installation, make sure the subfloor is dry and dust free.
- b) Flooring should be laid directly against walls, fixed with a bead of silicone after installation completed. Open transition areas with no wall to lay against should be fixed with 10 cm wide adhesive.
- c) It is important for outer planks to fit snug against the wall or cabinets (fixed items), otherwise a 10 cm wide strip of tape or adhesive is required to hold the perimeter in place. It is better to fit tight against any baseboard or trim. If there is no baseboard and the sheetrock does not extend to the floor, then adhesive is required.
- d) Make sure each plank is fit tightly to the next piece. Very light tapping to get a tight fit is fine, but take care not to compress the plank you are tapping into. Firm and tight is correct, overly tight will lead to compression and later peaking joints when the compressed planks try to return to normal length or width.

PLANKS INSTALLATION

1. Decide how you want the floor to run. Plank products usually look best when they run the length of the room. This is all a matter of preference, though, so feel free to lay some planks in different directions to see which way looks better.

LOOSE LAY ANTI SKID INSTALLATION

2. To avoid narrow plank widths or short plank lengths near the walls and doors, it is important to do some preplanning. Using the width of the room, calculate how many full boards will fit into the area and how much space remains that will need to be covered by partial planks. Divide the remaining space by two to calculate the width of the partial planks. Do the same along the length.

3. The planks should be installed from one corner of the room working your way out toward the other wall. Planks should be laid tight against the wall.

4. Using a utility knife and straight edge, score the top surface of the plank then use more pressure to cut all the way through.

5. Start the next row. Planks should be installed randomly, making sure end joints are staggered and adjoining planks have end joints at least 300mm from the previous row's end joint. Keep planks tight to the surrounding floor.

6. When fitting around door jambs or other irregular objects first make a pattern using heavy paper or poster board. Trace the pattern onto the flooring and cut with a utility knife.

7. If a seam is not tight you can easily lift the planks and re-position.

CLEANING AND MAINTENANCE

Prevent excessive dirt and moisture from being tracked on the floor with mats outside each entrance.

Use non-staining mats on your floor. Do not use rubber or latex backed mats which may permanently stain vinyl floors.

Routine cleaning is recommended to maintain the life of the floor. For daily cleaning Floover recommends Floover Cleaner.

For office chairs, use soft polyamide wheels.

Protect the flooring in later jobs.



LVT RAISED

INSTALLATION

PRODUCT RECEPTION

At the reception of the product it is very important to check for possible transport damages or missing material and report all details on the CMR

REQUIREMENT OF BASE CONDITION

We do not recommend to install raised floor onto linoleum, carpets or similar products. The surface must be dry and clean and all construction works on doors and windows, as well as the cabling, must be completed.

AIR-CONDITIONING

We recommend keeping a humidity of the room 45-70% between 5-24° and ≤ 50% between 24-30° before and during the installation and at least for three days after this.

INSTALLATION PLANNING

We recommend to draw a support grid and define the positions of the pedestals (pic. 1). Please consider the height of windows and doors, when fixing the height of the flooring. Besides that, it is important to coordinate the installation with other works in order to guarantee that the pedestals can be laid correctly.

GENERAL CONDITIONS

- At the edges, the Tiles should be laid in a min. distance of 100mm to the wall/border (pic 2).
- Next to stairs, ramps or other floorings, try to use full pieces or with a minimum width of 300mm

- The tiles alignment has to be respected in the doorways and the transition joints have to be fitted under the door (pic 3).
- In long and narrow areas like corridors try to leave the same distance between the last entire tile and the wall in both sides.

The tools normally used to carry out the installation of a raised floor are: Circular saw, suckers or other elevation tools, peg and rubber hammer, meter, ruler, pen and screwdrivers.

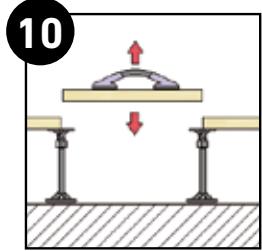
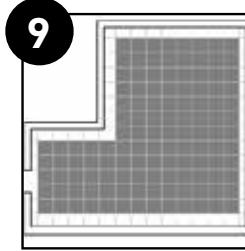
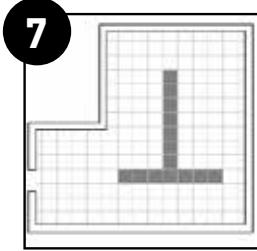
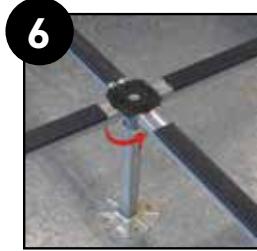
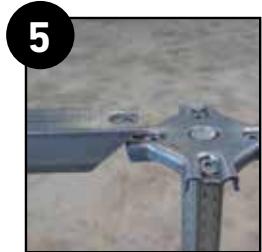
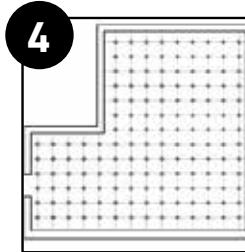
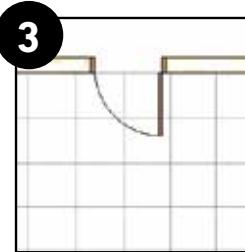
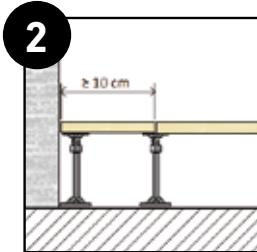
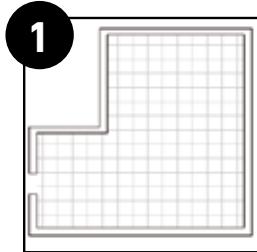
INSTALLATION

1. Lay all the pedestals on the points defined in the planning grid (pic 4).
2. Insert the beams between the pedestals (pic.5) and level the structure by expanding or shortening the pedestals (pic 6).
3. Install the entire tiles first in two different directions, drawing a T (pic. 7). Line up and level the surface (pic. 8). Then, complete the installation with all other entire tiles (pic 9).
4. Cut the perimeter tiles with the circular saw and fit them into the empty spaces.
5. It is possible to remove installed tiles using suckers (pic 10).

FINAL FINISH

Use a white and damp clean cloth to wipe the surface of the floor. Use Floover Cleaner when needed. Vacuum clean the whole area to ensure the cleanliness.

For office chairs, use soft polyamide wheels. We recommend covering the whole area for next job operation.



UNDERFLOOR HEATING

INSTALLATION

GENERAL INSTRUCTIONS

All Floover floorings can be used in conjunction with low temperature underfloor heating, provided it is a heating system with heating components (hot water or electric), which are embedded in the floor. The underfloor heating must be installed in accordance with the supplier's instructions and according to the generally accepted norms and rules. The general installation instructions for Floover flooring without underfloor heating also apply of course, unless explicitly mentioned below. The flooring must be laid floating.

It is recommended to lay an underlay with built-in moisture barrier or begin with a separate plastic film of minimum 2mm thickness. In this case, use a single sheet of plastic foil, or use several sheets but make sure they overlap at least 300 mm and tape them together.

PERFORMANCES

The maximum allowed heat resistance (R) of a floor covering is 0.15 m²K/W (EN 4725), in order to achieve Energy saving rules established by CE organization and specified generally. All Floover products accomplish those requirements, and have the following values for energy saving calculations:

	STANDARD HDF CONSTRUCTION	SPLASH20 VERSION
FLOOVER ORIGINAL	0,088 K*m ² /W	0,060 K*m ² /W
FLOOVER SYNCHRO	0,089 K*m ² /W	0,061 K*m ² /W
FLOOVER PLUS	0,090 K*m ² /W	0,062 K*m ² /W

It is important to accomplish limitations of m² in 1 installation without joints: < 120 m² for Floover SplasH20 and SplasH20 light / < 150 m² for HDF and HDF light.



UNDERFLOOR HEATING

CONCRETE OR SCREED AS SUB-FLOOR

The type of screed and the installation method, combined with the underfloor heating, must comply with the instructions of the suppliers of the screed and the underfloor heating system. To obtain a homogeneous heat distribution across the entire floor, the distance between the heating elements must not be greater than 300 mm. The depth of the elements is determined by the fitter of the underfloor heating. The sub-floor must be sufficiently DRY across its complete thickness when installing the floor covering. This is maximum 1.5% humidity according to the CM method for cement-bound floors and maximum 0.3% humidity for anhydrite-bound screed.

This can only be guaranteed, when installed in new buildings, by turning on the underfloor heating. Turn up the underfloor heating gradually at least two weeks before laying your FLOOVER flooring, and minimum 21 days AFTER laying the screed (max. 5°C per day).

- at 50% of the capacity for 2 weeks
- 100% for the last two days.

For newly spread screed, follow the guidelines of your installer for the start up period. A heating protocol should be presented; ask for it if necessary.

FLOOR COOLING

More and more systems that combine heating and cooling are being installed in homes. A combination of heating in winter and cooling in summer can for technical and physical reasons be problematic in combination with organic floorings in general and with Floover in particular. Not for Floover SplashH2O version, which resist all humidity and water condensation.

The installation instructions for Floover flooring on underfloor heating without cooling also apply here of course. Low temperature will produce condensation in the floor and damage the HDF / Cork layers: warping, distortion, swelling and gapping would be possible consequences."

Floover only recommends SplasH2O and SplasH2O light for cooling systems. An effective control system consists of automatic probes that can detect when the dew point (when condensation starts) is reached under or in the Floover, and then switch the cooling off. Room thermostats should never be set under 24°C. In addition, thermostats must never be set at a temperature which is 5°C lower than the room temperature. So at a temperature of 32°C, the room thermostat must not be set lower than 27°C. The cooling circuit must have a control that prevents the temperature of the cooling liquid dropping below 18 to 22°C. This depends on the climate zone where the floor is installed. In zones with a high relative humidity, the minimum is 22°C; at average humidity and temperature levels, it can go as low as 18°C.

If you do not respect these instructions, the warranty Floover is void.

A heat resistance of less than or equal to 0.09 m2K/W is normally recommended for floor cooling. The heat resistance of Floover is always accomplished with that requirement .

HEATING FILMS

Heating films or other "new" systems ON the screed or wooden sub-floor are not always suitable. Further guidelines for these applications can be found below. An underlay can be used to level the floor, to insulate it and in particular to embed the film elements and electrical connectors. The following structure is usually applied: first the underlay, then the heating film and then the FLOOVER floor. For these systems the conditions that have to be fulfilled are that the heat must be distributed homogeneously across the entire floor to prevent any cold or warm zones, that the heat radiates up and not down, that the maximum contact temperature is not more than 27°C, and that the electrical connectors between the panels are thin enough to be sunk in the underlay mat while maintaining their strength and electrical safety, also in the event of possible condensation or a leak.

A second type of heating systems for renovation is a system with warm water pipes or electrical resistances embedded in frames. These are usually polystyrene panels which may be combined with metal plates. We consider these systems to be more reliable because they ensure a more homogeneous distribution of heat, provide heat insulation under the underfloor heating, have good contact and provide a stable sub-floor under the laminate floor. The above-mentioned notes still apply but we believe they are easier to fulfil.

STAIRS

INSTALLATION



1. Before the installation, clean the surface and eliminate protuberances.

2. Cut the stairnose to the appropriate length of the step. If two sides or more, cut in 45° to make it sides.



3. Take the size and cut the piece of the surface of the step, using the click system if possible or just normal glue to joint the stairnose cut previously.

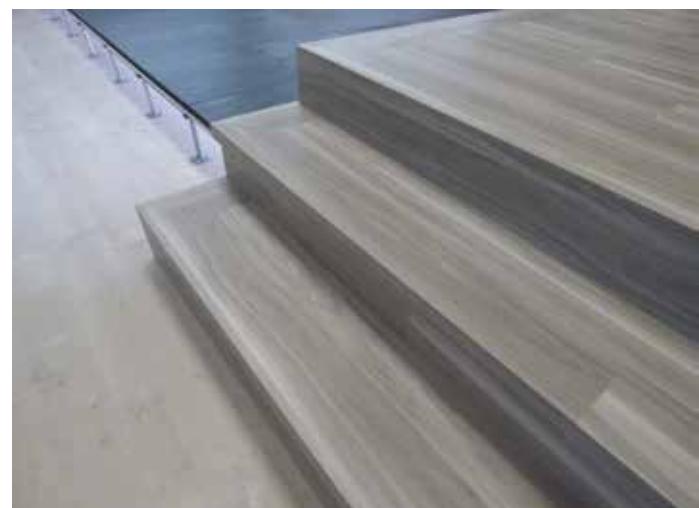
4. Install the step in place, and finally the vertical side of the step.



5. It is also possible to cover the side of the step with the same stairnose product.

6. Repeat this procedure step by step until your Floover stair is completed.

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MAINTENANCE

GENERAL RECOMMENDATIONS

Floover products have a high resistance against stains, abrasion, UV rays, and other factors, which makes the product suitable for a wide variety of uses, even in the outdoors. However, the durability of this flooring will depend also on a good installation, use and maintenance. We show you below some instructions to maintaining your Floover floor in a perfect condition

RECOMMENDATIONS FOR USE

- In construction works, Floover flooring installation should be the last step to follow, by having the area clean and without any dust.
- When you do later works, Floover floors should be protected with a plastic sheet to avoid drops of any construction materials or painting that can damage the product.
- Once the work is finished, we recommend avoiding any entry of dirt or abrasives particles by installing a cleaning system, like doormats in the accesses.
- Please place soft pads under chairs, tables and any other furniture legs in order to avoid scratches.
- When moving heavy furniture, please lift it and do not drag it.
- Office chair wheels should be made of polyamide. Nylon wheels can damage the surface and rubbers wheels can leave marks.

SPECIAL CARE

- The use of aggressive cleaning agents can damage the product, same as for abrasive and sharp cleaning tools.
- Floover does not recommend and neither guarantees the use of chlorine, bleach or any other cleaning products not designed for cleaning vinyl flooring.
- Avoid any contact with burning cigarettes because they can leave burns.

REGULAR CLEANING

Protect the higher risk areas and install systems like doormats on the entrances to not allow the dirt to get inside.

To keep the best appearance of your Floover floor it is important to have a daily cleaning and to not leave any stains since this can affect finally the colour or become very difficult to remove. Follow the next steps that we recommend:

- To avoid dirt and abrasive particle accumulations, we recommend a daily vacuum clean.
- For the regular cleaning, after vacuuming, use a mop and a neutral cleaning agent diluted in warm water. Floover recommends **FLOOVER CLEANER**.
- Floover products are suitable for the use of scrubbing machines with soft brushes, using warm water and diluted neutral cleaner. These kind of machines are recommended for big areas.
- Avoid the cleaning water accumulation, do not soak the floor. No need to rinse.
- You can let it dry naturally or dry the floor with a soft dry mop.



STAINS CLEANING

Even if Floover products have a very high stain resistance, when there is a stain, it should be cleaned straight away, otherwise the long term exposure to certain chemicals may damage the product surface on a irreparably way.

- Clean the stains as soon as possible to avoid getting harder to clean. Do not wait more than 24 hours.
- When the stain is fresh, use first a dry cloth to absorb it. Using a wet cloth it can spread.
- Keep in mind that if you use an aggressive cleaner, you need to rinse straight away otherwise the floor can be damaged.
- Dry the floor and then rinse it with a dry cloth.
- Always follow the manufacturer instructions and always use recommended products.
- There are stains that can leave a shadow or mark after the cleaning, especially if you let them dry.

MAINTENANCE

RESTORATION & RENOVATION

LVT RESTORE

It is possible to renovate Floover flooring after heavy or aggressive use or after many years of transit. Due to the chemical composition of the protective layer, the flooring can wear out in two ways: deterioration of the polyurethane varnish or deterioration of the protective PVC layer.

To restore the surface of Floover flooring you must some important steps. First it is necessary to clean the whole area with an intensive cleaner as **BLANCHON HIPERACTIVE** to remove all the stain and remains of other products used before.

How to use Blanchon Hiperactive cleaner:

- Dilute 1 litre of cleaner in 10 litres of water (preferably hot water for better results)
- Spread the solution on the floor with a floor cloth or fill in the buffering-machine tank.
- Clean with a buffering machine fitted with a black or thick green pad, or use a long-handled scrubbing brush.
- Remove any loose dirt and rinse with clean water.*
- Aspirate and mop any loose dirt should be removed quickly by vacuuming or wiping with a scraper then a dust mop. We recommend rinsing first with a small amount of white vinegar added to the water to neutralize product alkalinity.



Blanchon Hiperactive



Blanchon Intensiv

Blanchon Renovator

Then use **BLANCHON RENOVATOR** or **BLANCHON INTENSIVE** if you want a higher protection layer. Also it is possible to restore scratches using a polishing sponge before cleaning.

*NOTE: Take care not to create any water stagnation, especially on the Floover Wo-vén HDF, the excess moisture can generate the swelling of the board.

FURTHER INFORMATION ABOUT CLEANING AND MAINTENANCE UPON REQUEST





WOVEN

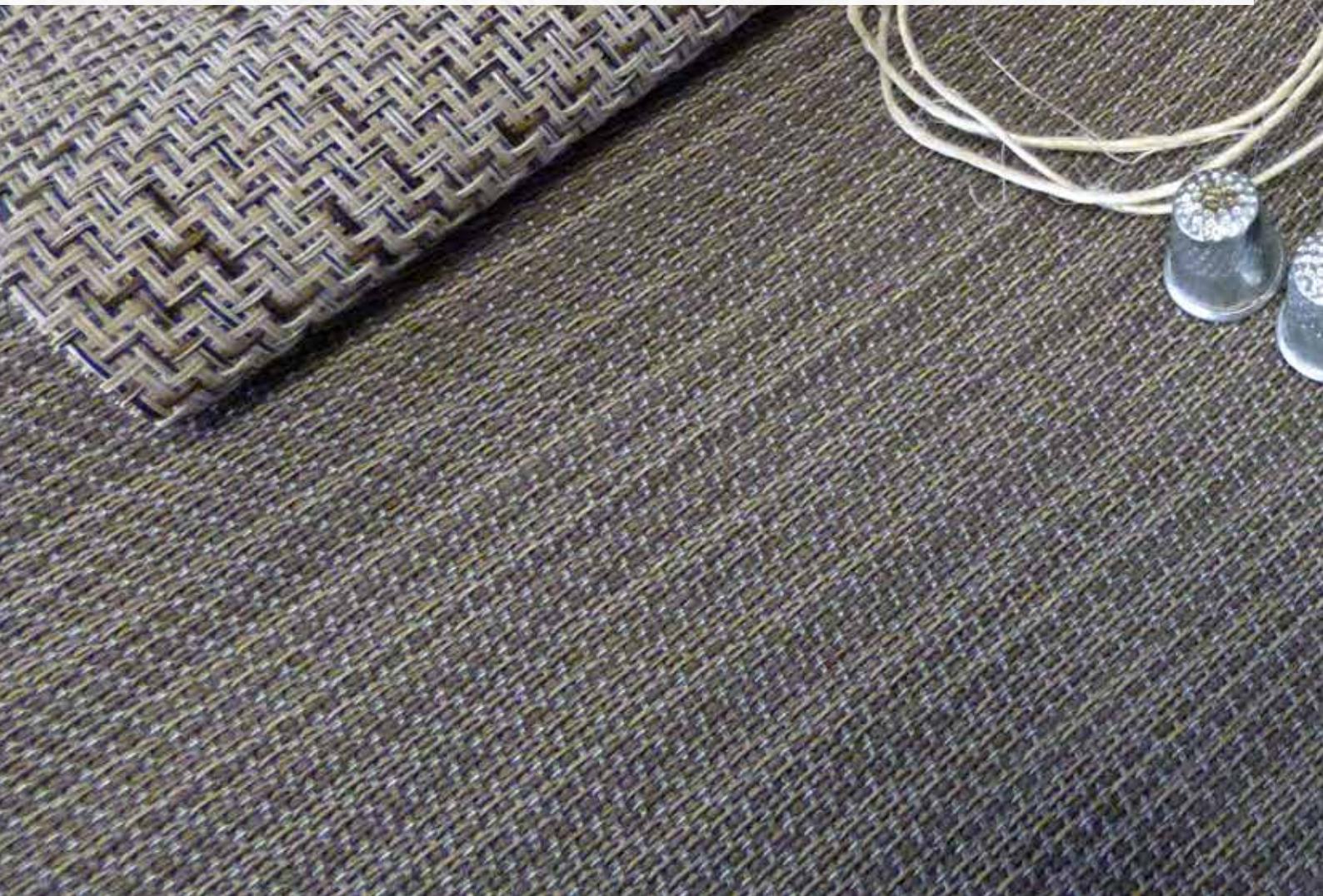
THE TEXTILE WITHOUT COMPROMISES



Floover Woven is an exclusive, inviting and unique woven vinyl product. **The feeling of the textile is unmistakable, practically organic but the flooring, nevertheless, has all the advantages of vinyl:** wear-resistant, easy to handle compared to textile floorings and simple to install.

Woven combines the craftsmanship and creativity of the past with the possibilities offered by modern technology. A collection with a completely new inspiration, a strong textile feeling, high resistance and a unique look. The **elasticity and acoustic** insulation of its structure give this product great qualities of underfoot comfort.

Woven is designed for both indoor and outdoor use. Daring and exclusive designs which help to achieve a modern touch. **Easy to maintain, waterproof, heat and UV resistant.** The woven fabric has variations in tone depending on the light, giving added value and highlighting its beauty, resulting in an optical effect.





FLOOVER WOVEN FEATURES

EASY TO MAINTAIN

Floover Woven is a 100% washable product. It is very resistant to stains and even color degradation. So that no special maintenance products are required. It can be easily maintained with neutral cleaner, and it is also suitable for scrubbing machines.

ELASTICITY

Floover Woven flexibility makes it easy to handle and bend; this makes it adaptable to the needs of each client and very comfortable to walk on it. The Glue Down version adapts perfectly to every kind of surfaces as well as flooring, walls or furniture.

HEAT AND UV RESISTANCE

Floover Woven is very stable with temperature changes and has a big UV resistance. As a result, Floover Woven can be installed in sunny places and outdoor. It is also suitable for underfloor heating and cooling systems.

RESISTANT TO SCRATCHES

Floover Woven threats are composed of a core of polyester and fiberglass, encapsulated in vinyl to reinforce the resistance and wear. Floover Woven solutions are appropriate for residential and commercial use. This resistance also allows using chairs with soft polyamide castors.

ANTI-BACTERIA

Due to the structure and composition of the material and the easiness to clean, it is impossible to retain mites and other bacteria. Also fungus are not able to grow on Woven because it does not retain humidity.





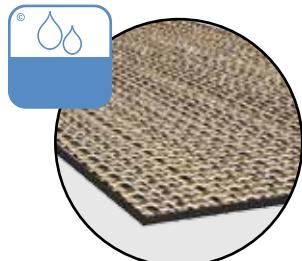
TAILOR-MADE WOVEN SOLUTIONS

Floover solutions can be fully tailored to your requirements

WOVEN SOLUTIONS

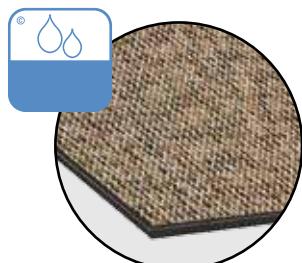


GLUING SYSTEM



GLUE DOWN

- Woven vinyl tile/roll for glue down.
- 100% waterproof
- Format: Sheets, Roll or Tiles
- Leveler is required
- No dilatation gap/skirting required

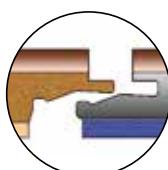


LOOSE LAY

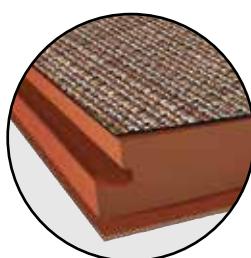
- Installation with removable or permanent glue
- Easy to install
- Antistatic
- Easy access to the subfloor
- Easy to replace

CLICK SYSTEM

UNICLIC®
Produced under license of Unilin - EP n. 0840270/0/U.S. patent n. 6,006,486

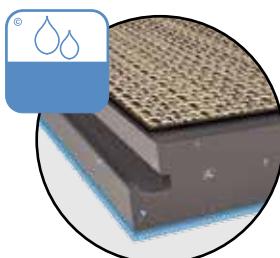


COMPATIBLE CLICK



HDF

- Uniclic System
- Surface waterproof
- Base film required
- Installation up to 150m² without dilatation joints
- Compatible click with SplasH2O



SPLASH₂O

- Uniclic System
- 100% Waterproof
- Base film not required
- Installation up to 120m² without dilatation joints
- Compatible click with HDF

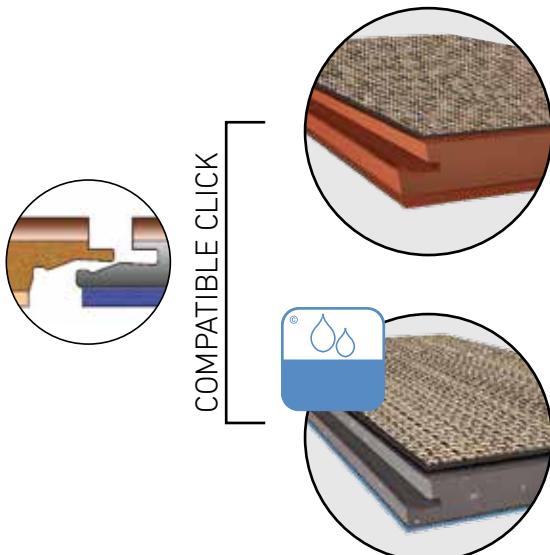
WOVEN SOLUTIONS



CLICK SYSTEM

UNICLIC®

Produced under license of Unilin - EP no. D8402753/U.S. patent no. 8,000,486



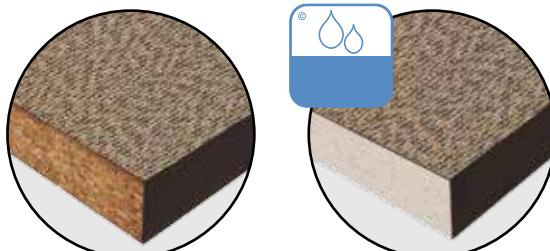
HDF LIGHT

- Uniclic System
- Surface waterproof
- Base film required
- Installation up to 150m² without dilatation joints
- Compatible click with SplashH2O Light

SPLASH₂O LIGHT

- Uniclic System
- 100% Waterproof
- Base film not required
- Installation up to 120m² without dilatation joints
- Compatible click with HDF Light

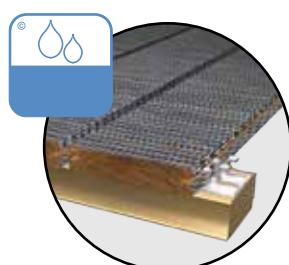
RAISED ACCESS FLOOR



RAISED SOFTCORE/ HARDCORE

- No need to pre-work the subfloor
- 100% Waterproof (hardcore version)
- Warm and comfortable
- Excellent noise reduction
- Easy access to the subfloor
- Easy to replace a single tile

OUTDOOR



DECKING

- Easy to install
- 100% waterproof
- Highly resistant to temperature changes
- Anti-slip
- Mounted directly on the substrate



TILES

- Easy to install
- 100% waterproof
- Highly resistant to temperature changes
- Anti-slip
- Two sizes available

Floover Glue Down Roll, size 2000x10000x2,5mm, Woven Integrate collection, reference WV4010, made with vinyl threads with fiberglass that highly improves its stability. Classification 23/33 with high abrasion resistance, stains resistance class 0 according to norm EN423, fire resistance classification BflS1 and grade 8 of UV resistance. It should be glued to a dry and perfectly levelled subfloor. The material must stay unrolled 24 hours on the installation place before gluing it. It is necessary to use a heavy roller of 30/40 kg to eliminate any bubble and join the different rolls edges with cold welding glue.



GLUE DOWN

TECHNICAL DATA SHEET

Floover Woven Glue Down is available in sheets or rolls for glue down. The top is a textile layer composed of a core of polyester and fiberglass, encapsulated in vinyl to reinforce the resistance and wear. It has the feeling of the textile and all the advantages of vinyl: wear-resistant, easy to handle compared to textile floorings and simple to install.

Roll Format



Tile Format



① Woven Vinyl
② Backing Vinyl



Characteristics	Test methods	Woven Glue Down Sheet	Woven Glue Down Roll	Woven Glue Down Tiles
Application		Furniture / Walls	Flooring	Flooring *
Classification	EN 685	23/33	23/33	23/33
Dimensions	EN 427	913 x 303 / 928 x 634 mm	2 x 10 m	500 x 500 mm
Thickness (Woven + Backing Vinyl)	EN 430	1,8 mm	2,5 mm	3 mm
Weight	EN 430	2 kg/m ²	3,385 kg/m ²	4 kg/m ²
Abrasion resistance	EN 660-1: 99 EN 660-2: 99	0,068 mm 1,80 mm ³	0,068 mm 1,80 mm ³	0,068 mm 1,80 mm ³
Chemical resistance	En 423	Class 0	Class 0	Class 0
Fire resistance	EN 13501-1	Class BFLs1 (B1)	Class BFLs1 (B1)	Class BFLs1 (B1)
UV Resistance	ISO 105 - B02	> Grade 6	> Grade 6	> Grade 6
Thermal resistance	EN 12664	0,0639 m2 K/W**	0,0639 m2 K/W**	0,0639 m2 K/W**
Fungus test	ASTM G21:96	Grade 1	Grade 1	Grade 1
Skew and Bow	EN 427	Max 2%	Max 2%	Max 2%
Slip resistance	EN 12633 DIN 51130	Class 2 R10	Class 2 R10	Class 2 R10
Residual Indentation	EN 433:1994	0.08mm	0.08mm	0.08mm
Dimensional Stability	EN 434:1994	0.05% (X + Y direction)	0.05% (X + Y direction)	0.05% (X + Y direction)
Curling	EN 434:1994	1.5mm	1.5mm	1.5mm
Assessment of Static Electrical Propensity I	EN 1815	< 2 kV	< 2 kV	< 2 kV
Acoustics Performance	EN ISO 717-2	-	Lw=12dB Cl=-7dB	Lw=14dB Cl=-8dB
Castor chairs suitability***	EN 985	Continuous use	Continuous use	Continuous use
Formaldehyde emission	EN 717	E1	E1	E1

* Recommended tiles fitting pattern: chessboard system / ** Suitable for underfloor heating system / *** Suitable for soft polyamide wheels (type W)



NOTE: Being a textile product, this range has a tolerance of 2% asymmetry, known as skew and bow effect. Maximum fraying tolerance of 5 inner-yarns/ml guaranteed. It has all the textile properties and these may suffer variations or changes with time that may affect and alter the colour.



WOVEN ROLLS

TECHNICAL PROPERTIES/DETAILS

Woven rolls is a woven vinyl collection available in different decors. The textile nature of this product and its fabrication process make it have some aspects to be considered:

1. BATCH LOT:

Because of the textile weaving process, the batch control must be considered, since it is possible to find some difference in tonality from one batch to another.

Floover controls these variations and identifies each tonality in the labels. When installing the material, finish one production lot first before starting the next one. Do not mix rolls from different batches

Special designs can be considered, please ask your salesman or customer service for specific offers. The minimum quantity for special designs is 1000 m² and the price will be adjusted too.

2. ROLL WIDTH:

The width of the roll is minimum 2000 mm, with possible + 50 mm. Special sizes / slight variations of the size will be discussed upon order

A special width can be considered, please ask your salesman or customer service for specific offers.

Also pallet system will be affected.

3. ROLL LENGTH:

The length of the roll is min. 10 m, some extra length can be considered in some cases.

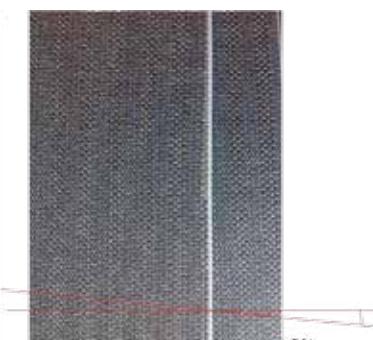
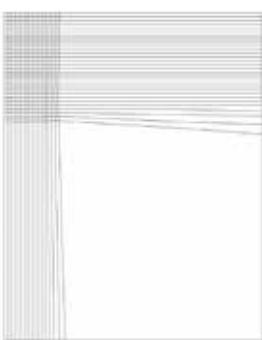
Special lengths can be considered, please ask your salesman or customer service for specific offers.

Also pallet system will be affected.

4. SKEW AND BOW:

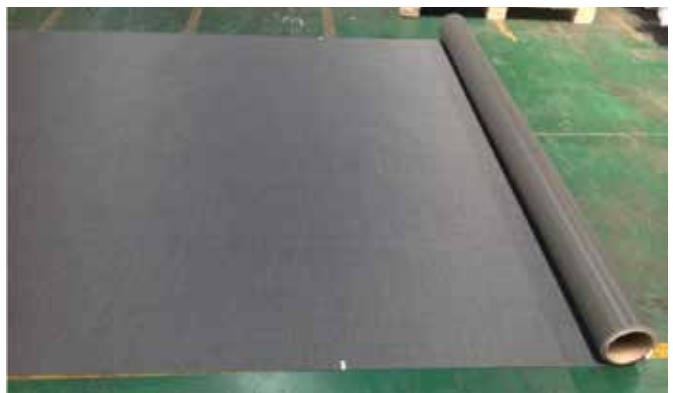
Due to the textile manufacturing process, there could appear certain deviations that would affect the final result of the roll.

Deviations lower than 2 % must be accepted, it means that for every lineal meter the threat must not be deviated more than 20 mm.



5. FLAWS:

Flaws must be accepted in the maximum quantity of 1 per roll, and always considering really minor and just visual effect. Flaws will be marked with a red strip on the sides and also indicated in the Flaw label (width the position in ml affected from the inner core).



Flaws According to Levi's Four Point System Criteria

When a Flaw is detected, in that roll will be added 0,5 ml as a compensation.

Flaw Label:



6. DIRECTION OF THE ROLL:

For a consistency in the design, it is important to maintain the same arrow direction on every roll. This arrow is printed on the back of each roll.



Floover Woven Loose Lay, size 500x500x4,2mm, Woven Integrate collection, references WV4006 and WV4010, made with vinyl threads with fiberglass that highly improves its stability. Classification 23/33 with high abrasion resistance, stains resistance class 0 according to norm EN423, fire resistance classification BflS1 and grade 8 of UV resistance. Allow the material to acclimatize to the ambient conditions for 24 hours before installation. It is designed to be installed in chessboard system and with non-permanent adhesive on a perfectly levelled subfloor.



LOOSE LAY

TECHNICAL DATA SHEET

Floover **Loose Lay** have a backing of PVC and fiberglass with a total thickness of 4,2 mm and is made in Tiles of 500 x 500 mm. The top is a textile layer composed of a core of polyester and fiberglass, encapsulated in vinyl to reinforce the resistance and wear. It has the feeling of the textile and all the advantages of vinyl: wear-resistant, easy to handle compared to textile floorings and simple to install.



① Woven Vinyl

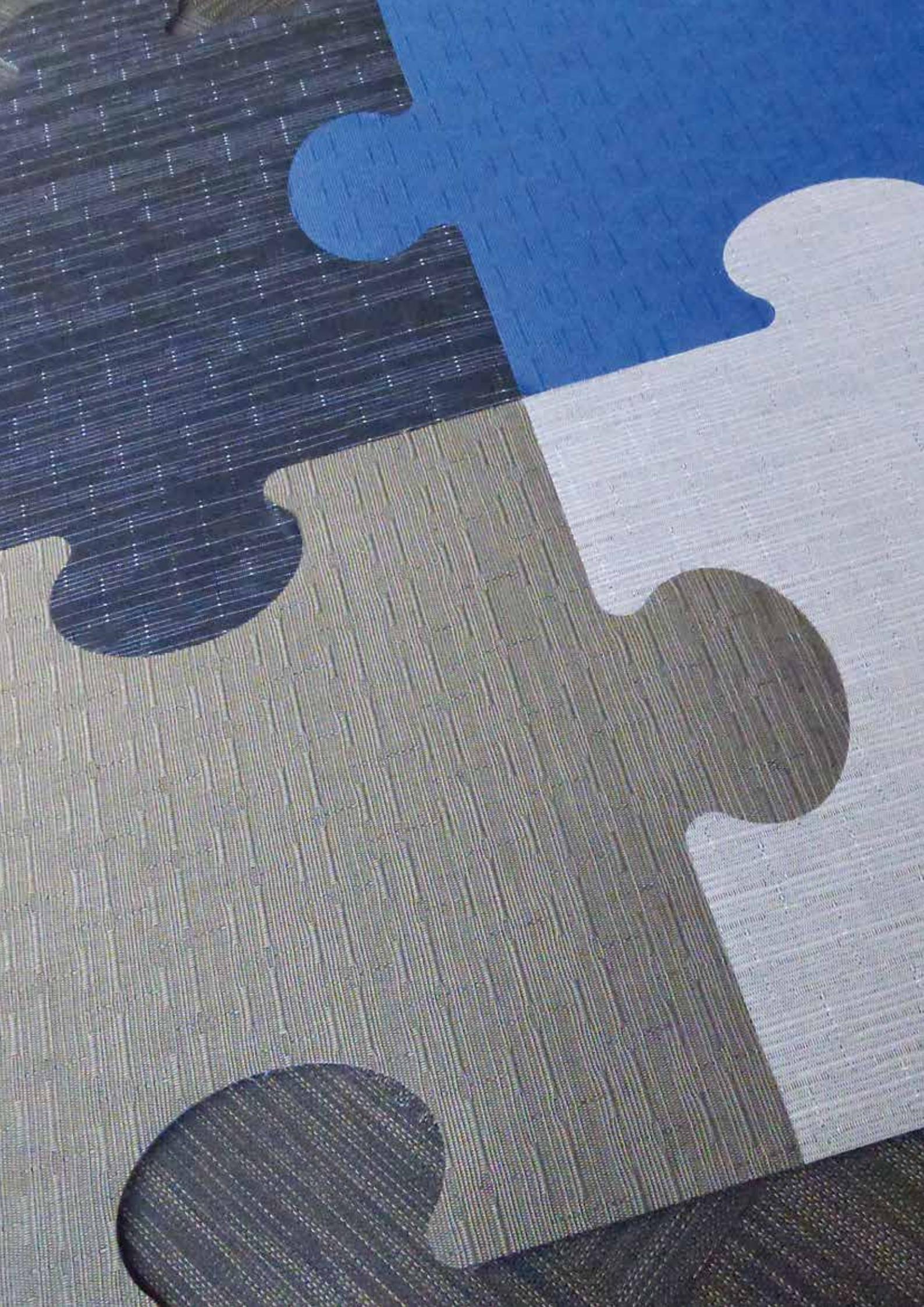
② PVC + FiberGlass + PVC

Characteristics	Test	Woven Loose Lay *
Classification	EN 685	23/33
Dimensions	EN 427	500 x 500 mm
Thickness	EN 430	4,2 mm
Weight	EN 430	5,50 kg/m ²
Abrasion resistance	EN 660-1: 99 EN 660-2: 99	0,068 mm 1,80 mm ³
Chemical resistance	EN 423	Class 0
Fire resistance	EN 13501-1	Class BFLs1 (B1)
Thermal resistance	EN 12664	0,0639 m2 K/W**
Formaldehyde emission	EN 717	E1
UV Resistance	ISO 105 - B02	> Grade 6
Fungus test	ASTM G21:96	Grade 1
Skew and Bow	EN 427	Max 2%
Slip/Slide resistance	EN 12633 DIN 51130	Class 2 R10
Residual Indentation	EN 433:1994	0.08mm
Dimensional Stability	EN 434:1994	0.05% (X + Y direction)
Curling	EN 434:1994	1.5mm
Assessment of Static Electrical Propensity I	EN 1815	< 2 kV
Acoustics Performance	EN ISO 717-2	Lw=15dB Cl=-8dB
Castor chairs suitability***	EN 985	Continuous use

* Recommended tiles fitting pattern: chessboard system / ** Suitable for underfloor heating system / *** Suitable for soft polyamide wheels (type W)



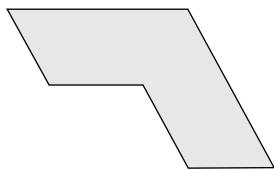
NOTE: Being a textile product, this range has a tolerance of 2% asymmetry, known as skew and bow effect. Maximum fraying tolerance of 5 inner-yarns/ml guaranteed. It has all the textile properties and these may suffer variations or changes with time that may affect and alter the colour.



SHAPES

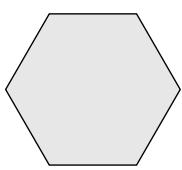
GLUE DOWN AND LOOSE LAY

Glue Down and **Loose Lay** solutions are also available in differently shaped tiles to create special ambients. Choose from 3 thicknesses: 2,5, 3 or 4,2 mm.



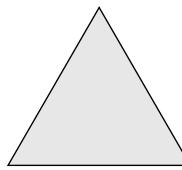
BOOMERANG

Size: 250 x 550 mm



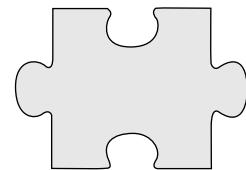
HEXAGON

Size: 650 x 650 mm



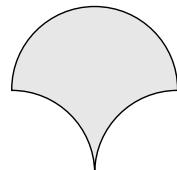
TRIANGLE

Size: 650 x 650 mm



PUZZLE

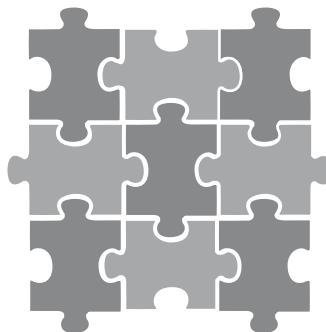
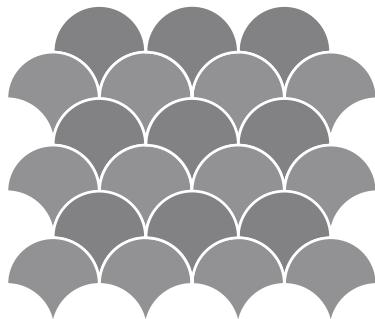
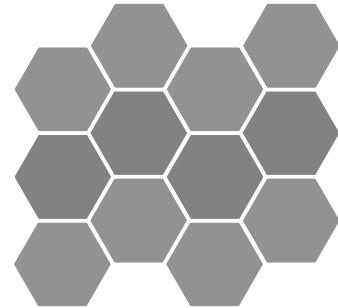
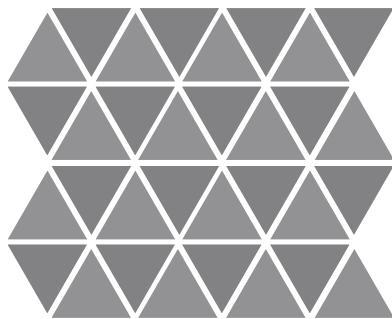
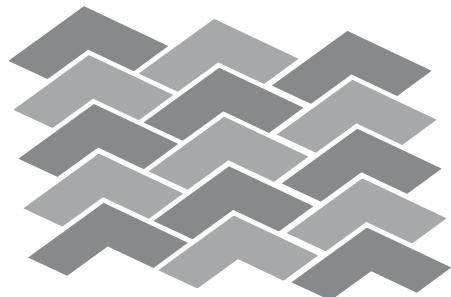
Size: 650 x 442 mm



MUSHROOM

Size: 500 x 500 mm

SHAPES COMBINATION



Contact your sales agent for further information



Floover Woven HDF Flooring, size 913x303x9,8mm, Woven Integrate collection, reference WV4007. Swiss made, classification 23/33 with high abrasion resistance, stains resistance class 0 according to norm EN423, fire resistance classification CflS1 and grade 8 of UV resistance. It is designed as floating flooring for dry areas. It is necessary to place a polypropylene film as insulating against the humidity. Allow the material to acclimatize to the ambient conditions for 24 hours before installation. The distance from the wall and from all the stable elements must be of 10 mm at least to allow flooring natural movements. Woven HDF can be installed combined with Woven SplasH2O with Flooverflex for wet areas thanks to their Unilin clic.

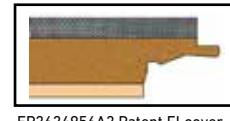
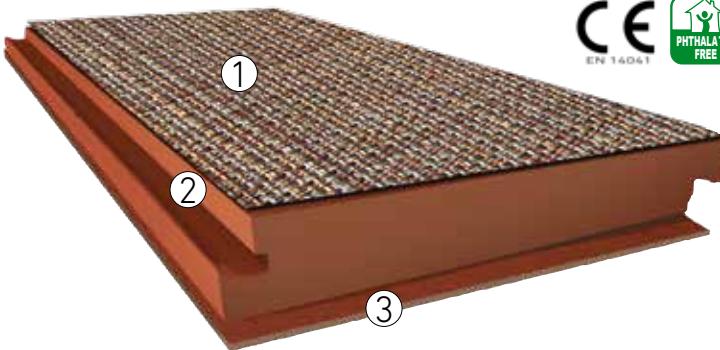


HDF

TECHNICAL DATA SHEET



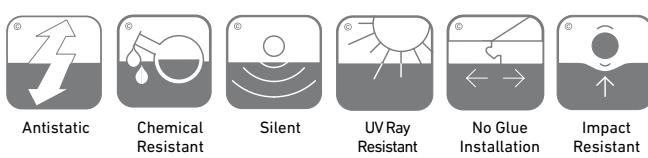
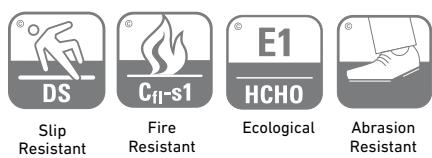
- ① Woven Vinyl 1,8 mm
- ② HDF 6,8 mm
- ③ Cork 1,2 mm



EP2624956A2 Patent FLoover

Characteristics		Test	Floover Woven HDF
Classification		EN 16511	23/33
Dimensions		EN 427	913 x 303 mm
Thickness		EN 430	9,8 mm
Weight		EN 430	8,25 Kg/m ²
Abrasion Resistance		EN 660-1: 99 EN 660 -2: 99	0,068 mm 1,80 mm ³
Fire Resistance		EN 13501-1	Class Cfl-s1
Stain Resistance		EN 438	Grade 5 (Groups 1, 2 and 3)
Dimensional Stability		EN 434	- 0,05 %
Curving		EN 434	0,2 mm
Acoustic Certification	Impact Sound	EN ISO 717-2	ΔLw= 18 dB
	Airborne Sound		ΔRA= 1,3 dBA
Cigarette burn resistance		EN 438 - 2	Class 1
Impact resistance		EN 1534	7,4 Kgf/mm ²
Slip/Slide resistance		EN 12633	Class 2
		DIN 51130	R10
Flexibility		EN 435	10 mm
UV Resistance		ISO 105 - B02	> Grade 6
Skew and Bow		EN 427	Max 2%
Formaldehyde emission		EN 717	E1 / Ü sign
Thermal resistance		EN 12664	0,088 m ² K/W *
Antibacterial Test		ASTM G21	Grade 1
Locking Strength		EN 24334	> 450 kg/ml
Assessment of Static Electrical Propensity		EN 1815	< 2Kv
Castor chairs suitability**		EN 985	Continuous use
Water Resistant test		EN 317	< 8%

* Suitable for underfloor heating system. Not for cooling systems / **Suitable for soft polyamide wheels (type W)



Produced under license of Unilin. EP no. 0843703/US. patent no. 6,006,480.
It's possible to lay 150 m² without expansion joints.
Maximum length 15m / width 10m

NOTE: Being a textile product, this range has a tolerance of 2% asymmetry, known as skew and bow effect. Maximum fraying tolerance of 5 inner-yarns/ml guaranteed. It has all the textile properties and these may suffer variations or changes with time that may affect and alter the colour.

Floover HDF Light Flooring, size 913x303x6,8mm, Woven Range collection, reference WV4012. Swiss made, classification 23/33 with high abrasion resistance, stains resistance class 0 according to norm EN423, fire resistance classification CfS1 and grade 8 of UV resistance. It is designed as floating flooring for dry areas. It is necessary to place a polypropylene film as insulating against the humidity. Allow the material to acclimatize to the ambient conditions for 24 hours before installation. The distance from the wall and from all the stable elements must be of 10 mm at least to allow flooring natural movements. Woven HDF Light can be installed combined with Woven SplashH2O Light with Flooverflex for wet areas thanks to their Unilin clic.



HDF LIGHT

TECHNICAL DATA SHEET

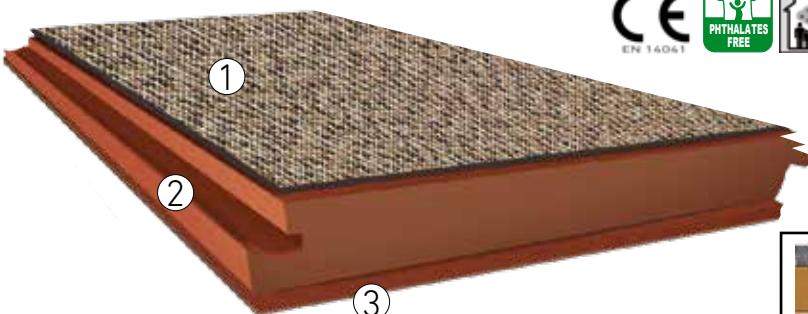
Floover Woven HDF consists of 3 layers. The top is a textile layer composed of a core of polyester and fiberglass, encapsulated in vinyl to reinforce the resistance and wear. It has the feeling of the textile and all the advantages of vinyl: wear-resistant, easy to handle compared to textile floorings and simple to install. The elasticity and acoustic insulation of its structure give this product great comfort. The second layer is a 4 mm thickness HDF, that incorporates the Unilin clic installation system. The ultimate layer is 1 mm of cork, that gives an excellent thermal and acoustic insulation.



① Woven Vinyl 1,8 mm

② HDF 4 mm

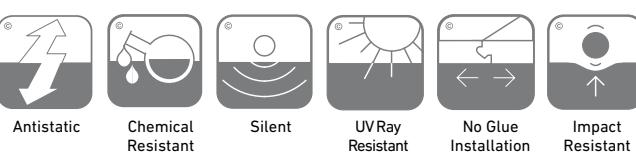
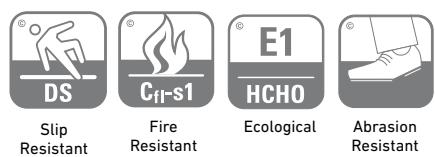
③ Cork 1 mm



EP2624956A2 Patent FLoover

Characteristics		Test	Floover Woven HDF Light
Classification		EN 16511	23/33
Dimensions		EN 427	913 x 303 mm
Thickness		EN 430	6,8 mm
Weight		EN 430	7,62 Kg/m ²
Abrasion Resistance		EN 660-1: 99 EN 660 -2: 99	0,068 mm 1,80 mm ³
Fire Resistance		EN 13501-1	Class Cfl-s1
Stain Resistance		EN 438	Grade 5 (Groups 1, 2 and 3)
Dimensional Stability		EN 434	- 0,05 %
Curving		EN 434	0,2 mm
Acoustic Certification	Impact Sound	EN ISO 717-2	ΔLw= 17 dB
	Airborne Sound		ΔRA= 1,3 dBA
Cigarette burn resistance		EN 438 - 2	Class 1
Impact resistance		EN 1534	7,4 Kgf/mm ²
Slip/Slide resistance		EN 12633	Class 2
		DIN 51130	R10
Flexibility		EN 435	10 mm
UV Resistance		ISO 105 - B02	> Grade 6
Skew and Bow		EN 427	Max 2%
Formaldehyde emission		EN 717	E1 / Ü sign
Thermal resistance		EN 12664	0,088 m ² K/W*
Antibacterial Test		ASTM G21	Grade 1
Locking Strength		EN 24334	> 400 kg/ml
Assessment of Static Electrical Propensity		EN 1815	< 2Kv
Castor chairs suitability**		EN 985	Continuous use
Water Resistant test		EN 317	< 4%

* Suitable for underfloor heating system. Not for cooling systems / **Suitable for soft polyamide wheels (type W)



It's possible to lay 150 m² without expansion joints.
Maximum length 15m / width 10m

NOTE: Being a textile product, this range has a tolerance of 2% asymmetry, known as skew and bow effect. Maximum fraying tolerance of 5 inner-yarns/ml guaranteed. It has all the textile properties and these may suffer variations or changes with time that may affect and alter the colour.

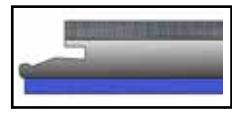
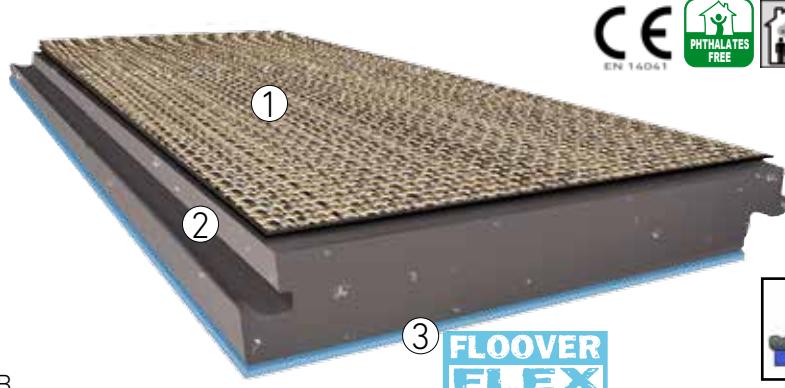
Floover SplasH2O Flooring, size 913x303x8.3mm, Woven Range collection, reference WV4001. Swiss made classification 23/33 with high abrasion resistance, stains resistance class 0 according to norm EN423, fire resistance classification BflS1 and grade 8 of UV resistance. Floover SplasH2O is designed as floating flooring for wet areas. It is optional to add Flooverflex backing to improve sound insulation and comfort. Allow the material to acclimatize to the ambient conditions for 24 hours before installation. The distance from the wall and from all the stable elements must be of 10 mm at least to allow flooring natural movements. Woven SplasH2O with Flooverflex can be installed combined with Woven HDF for dry areas thanks to their Unilin clic.



SPLASH₂O

TECHNICAL DATA SHEET

Floover Woven SplasH2O is a revolutionary product which is made of 2 layers. The top is a textile layer composed of a core of polyester and fiberglass, encapsulated in vinyl to reinforce the resistance and wear. It has the feeling of the textile and all the advantages of vinyl: wear-resistant, easy to handle compared to textile floorings and simple to install. The elasticity and acoustic insulation of its structure give this product great comfort. The second layer is a composition of rigid high density PVC of 6,5mm, produced by extrusion and 100% waterproof. Unilin clic system.

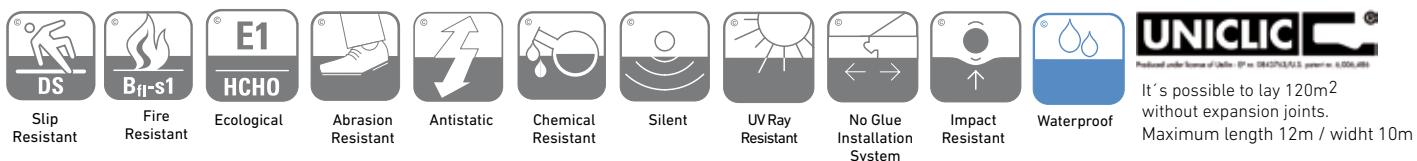


EP2614956A2 Patent Floover

- ① Woven Vinyl 1,8 mm
- ② PVC Rigid 6,5 mm
- ③ +1,5mm foam (Optional) +3 dB

Characteristics		Test	Floover Woven SplasH2O
Classification		EN 16511	23/33
Dimensions		EN 427	915 x 303 mm
Thickness		EN 430	8.3 mm
Weight		EN 430	9 Kg/m ²
Abrasion Resistance		EN 660-1: 99 EN 660 -2: 99	0,068 mm 1,80 mm ³
Fire Resistance		EN 13501-1	Class BflS1 (B1)
Stain Resistance		EN 438	Grade 5 (Groups 1 , 2 and 3)
Dimensional Stability		EN 434	- 0,10 %
Curving		EN 434	0,2 mm
Acoustic Certification	Impact Sound	EN ISO 717-2	ΔLw= 17 dB / 21 dB with Flooverflex
	Airborne Sound		ΔRA= 1,3 dBA
Cigarette burn resistance		EN 438 - 2	Class 1
Impact resistance		EN 1534	7,4 Kgf/mm ²
Slip/Slide resistance		EN 12633	Class 2
		DIN 51130	R10
Flexibility		EN 435	10 mm
UV Resistance		ISO 105 - B02	> Grade 6
Formaldehyde emission		EN 717	E1 / Ü sign
Water Resistant test		EN 317	0% Swelling
Thermal resistance		EN 12664	0,070 m ² K/W*
Antibacterial Test		ASTM G21	Grade 1
Skew and Bow		EN 427	Max 2%
Assessment of Static Electrical Propensity		EN 1815	< 2Kv
Castor chairs suitability**		EN 985	Continuous use
Locking Strength		EN 24334	> 550 kg/ml

* Suitable for underfloor heating system / **Suitable for soft polyamide wheels (type W))



NOTE: Being a textile product, this range has a tolerance of 2% asymmetry, known as skew and bow effect. Maximum fraying tolerance of 5 inner-yarns/ml guaranteed. It has all the textile properties and these may suffer variations or changes with time that may affect and alter the colour.

Floover SplasH2O Light Flooring, size 913x303x5,8mm, Woven Integrate collection, reference WV4008. Swiss made classification 23/33 with high abrasion resistance, stains resistance class 0 according to norm EN423, fire resistance classification CflS1 and grade 8 of UV resistance. It is designed as floating flooring for wet areas. It is optional to add Flooverflex backing to improve sound insulation and comfort. Allow the material to acclimatize to the ambient conditions for 24 hours before installation. The distance from the wall and from all the stable elements must be of 10 mm at least to allow flooring natural movements. Woven SplasH2O Light with Flooverflex can be installed combined with Woven HDF Light for dry areas thanks to their Unilin clic.

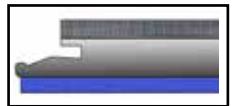


SPLASH₂ LIGHT

TECHNICAL DATA SHEET



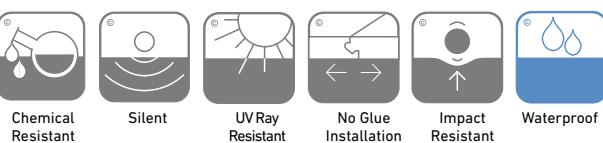
- ① Woven Vinyl 1,8 mm
- ② PVC Rigid 4,0 mm
- ③ +1,5mm foam (Optional) +3 dB



EP2614956A2 Patent Floover

Characteristics		Test	Floover Woven with Splash Light
Classification		EN 16511	23/33
Dimensions		EN 427	913 x 303 mm
Thickness		EN 430	5,8 mm
Weight		EN 430	7,63Kg/m ²
Abrasion Resistance		EN 660-1: 99 EN 660 -2: 99	0,068 mm 1,80 mm ³
Fire Resistance		EN 13501-1	Class Cfl-s1
Stain Resistance		EN 438	Grade 5 (Groups 1 , 2 and 3)
Dimensional Stability		EN 434	- 0,15 %
Curving		EN 434	0,2 mm
Acoustic Certification	Impact Sound	EN ISO 717-2	ΔLw= 16 dB/ 20 dB with Flooverflex
	Airborne Sound		ΔRA= 1,3 dBA
Cigarette burn resistance		EN 438 - 2	Class 1
Impact resistance		EN 1534	7,4 Kgf/mm ²
Slip/Slide resistance		EN 12633	Class 2
		DIN 51130	R10
Flexibility		EN 435	10 mm
UV Resistance		ISO 105 - B02	> Grade 6
Formaldehyde emission		EN 717	E1 / Ü sign
Water Resistant test		EN 317	0% Swelling
Thermal resistance		EN 12664	0,060 m ² K/W *
Antibacterial Test		ASTM G21	Grade 1
Skew and Bow		EN 427	Max 2%
Assessment of Static Electrical Propensity		EN 1815	< 2Kv
Castor chairs suitability**		EN 985	Continuous use
Locking Strength		EN 24334	> 500 kg/ml

* Suitable for underfloor heating system / **Suitable for soft polyamide wheels (type W)



Produced under license of Uniclic - EP no. 0883703/U.S. patent no. 6,006,481
It's possible to lay 120m² without expansion joints.
Maximum length 12m / width 10m

NOTE: Being a textile product, this range has a tolerance of 2% asymmetry, known as skew and bow effect. Maximum fraying tolerance of 5 inner-yarns/ml guaranteed. It has all the textile properties and these may suffer variations or changes with time that may affect and alter the colour.

4/2017

Floover Woven Raised Hardcore, size 600x600x30mm, Woven Range collection, reference Twill 20. Classification 23/33 with high abrasion resistance, stains resistance class 0 according to norm EN423, fire resistance classification BflS1 and grade 8 of UV resistance. Floover Raised is specially designed as an raised access floor for areas where no prework is needed. It is warm and sound insulating. Allow the material to acclimatize to the ambient conditions for 24 hours before installation. The height can be regulated by adjusting the pedestals.

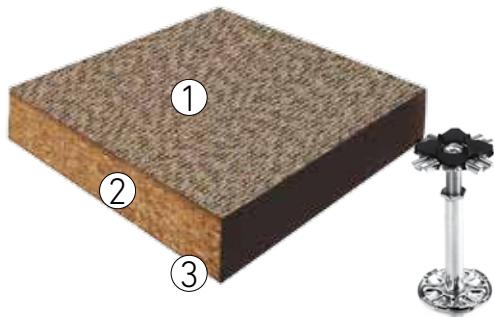


RAISED

TECHNICAL DATA SHEET

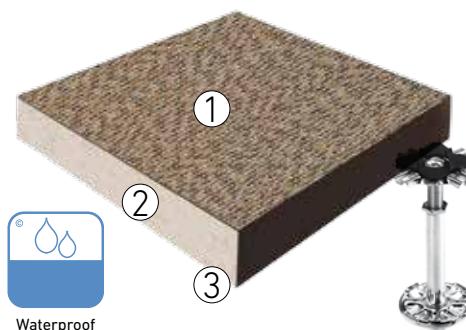
Floover Raised is a solution ideal for offices, museums or large areas where no prework for the subfloor or no soil preparation is needed. Intended particularly for workplaces, offices or technical areas where there is lots of cabling, pipes and other connections to be installed. Antistatic, durable, silent, antibacterial and warm.

RAISED SOFTCORE



- ① Top Layer: Woven
- ② Core: High density chipboard. Thickness 38 mm
- ③ Bottom Layer: Aluminium foil

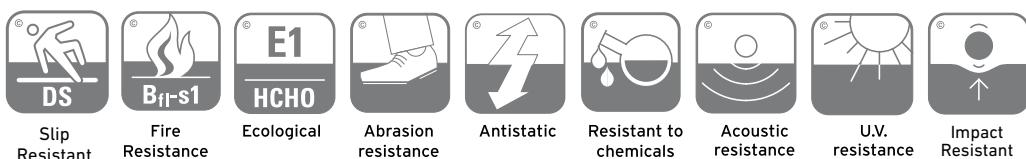
RAISED HARDCORE



- ① Top Layer: Woven
- ② Core: Calcium Sulphate. Thickness 30 mm
- ③ Bottom Layer: Aluminium foil



	Characteristics	Test	Floover Raised SoftCore	Floover Raised Hardcore
CORE	Dimensions		600x600 / 600x900 mm	600x600 / 600x900 mm
	Tile thickness (without top layer)		38 mm	30 mm
	Core panel density		720 kg/m³	1450 kg/m³
	Tile weight		26,7 kg/m²	54 kg/m²
	Distributed load without structure/with light beams	EN 12825	800 kg/m²	1200 kg/m²
	Distributed load with heavy beams	EN12825	1400 kg/m²	1900 kg/m²
	Electrostatic conductivity	EN 1815	≤ 2kv	≤ 2kv
	Fire resistance	EN 13501	Cfl-S1	Bfl-S1
	Formaldehyde emission	EN312-1	E1	E1
	Thermal Conductivity		2,4 w/ m² °C	3,5 w/ m² °C
TOP LAYER WOVEN	Acoustic Insulation RLWP		≥ 32 dB	≥ 45 dB
	Abrasion resistance	EN 660-1: 99 EN 660-2: 99	0,068 mm 1,80 mm³	
	Chemical resistance	En 423	Class 0	
	Fire resistance	EN 13501-1	Class BFLs1 (B1)	
	UV Resistance	ISO 105 - B02	> Grade 6	
	Thermal resistance	EN 12664	0,085 m² K/W	
	Fungus test	ASTM G21:96	Grade 1	
	Skew and Bow	EN 427	Max 2%	
	Slip/Slide resistance	EN 12633 DIN 51130	Class 2 R10	



NOTE: Being a textile product, this range has a tolerance of 2% asymmetry, known as skew and bow effect. Maximum fraying tolerance of 5 inner-yarns/ml guaranteed. It has all the textile properties and these may suffer variations or changes with time that may affect and alter the colour.

Floover Woven Decking outdoor flooring, size 2000x98x22,5mm, Woven Integrate collection, reference WV4010. Swiss made, classification 23/33 with high abrasion resistance, stains resistance class 0 according to norm EN423 and grade 8 of UV resistance. Floover Woven Decking should be installed with stainless steel clips screwed on aluminium or pine beams. The separation between strips should be approximately 4 mm on long edges and 2/3 mm on short edges. It is easy to maintain using neutral cleaner and high water pressure or brusher machines.



DECKING

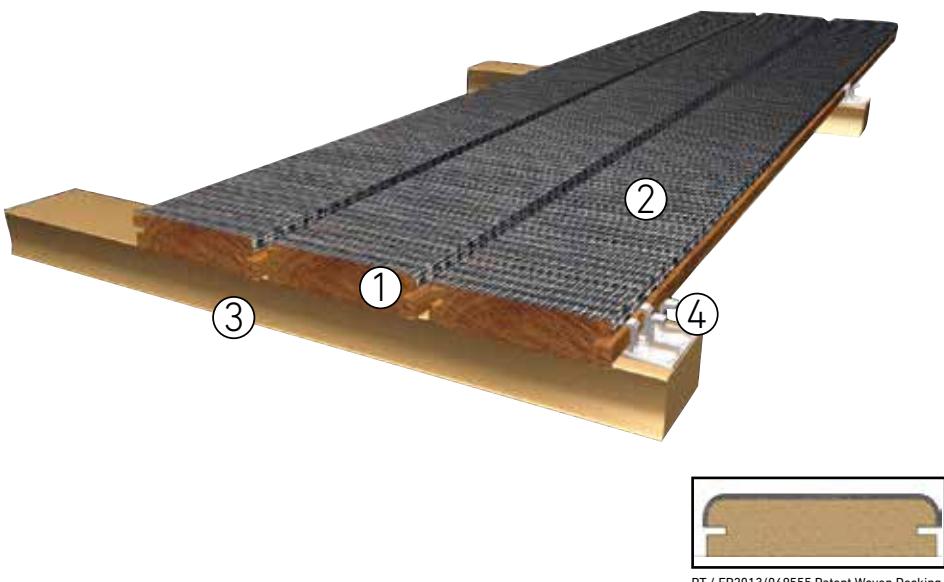
TECHNICAL DATA SHEET



- ① Thermo-treated pine plank
- ② Woven PVC
- ③ Autoclave-treated pine/ aluminium support beam
- ④ Clip



* B-Fix® - Patent IP 1.452.665



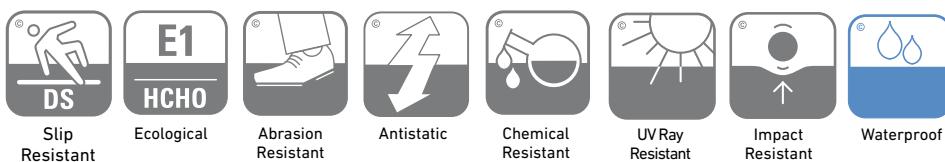
PT / EP2013/069555 Patent Woven Decking

TECHNICAL CHARACTERISTICS

Individual plank size: 2000 x 98 x 22,5 mm ($\pm 0,5$)	No. of clips for sq.m: 25 pcs approx.
Gap between strips: 3mm (5mm B-Fix)	No. screws for sq.m: 50 pcs (B-Fix 25 pcs) approx.
m. of single pine/aluminium supports for sq.m: 2,6 m approx.	Center distance between pine supports: 40 cm

CHARACTERISTIC	REFERENCE STANDARDS	WOVEN DECKING
Strip composition	-	Thermo pine
Classification (superficial layer)	EN 685	Residential use: 23. Commercial use: 33.
Temperature resistance	-	No alterations between -25°C and + 135°C
Resistance to water	-	Swelling after 24h: 0,00%
Abrasion resistance	EN 660-1 / EN 660-2	0,068 mm / 1,80 mm ³
UV ray resistance	ISO 105 - B02	>Grade 6
Spots and chemical substances resistance	EN 438	Grade 5 (Groups 1, 2 e 3)
Formaldehyde emission	EN 717	E1
Fungus resistance	ASTM G21	Grade 1
Slip / Slide resistance	EN 12633	Class 2 (Class 3 with additional treatment)
	DIN 51130	R10

N.B. During the laying of the flooring leave 3 mm of space between the heads of the boards in order to have a better design.



NOTE: Being a textile product, this range has a tolerance of 2% asymmetry, known as skew and bow effect. Maximum fraying tolerance of 5 inner-yarns/ml guaranteed. It has all the textile properties and these may suffer variations or changes with time that may affect and alter the colour.

Floover Woven Tiles outdoor flooring, size 2000x98x22,5mm, Woven Integrate collection, reference WV4010. Swiss made, classification 23/33 with high abrasion resistance, stains resistance class 0 according to norm EN423 and grade 8 of UV resistance. Floover Woven Tiles are very easy to install thanks to its grid system and it is easy to maintain using neutral cleaner and high water pressure or brusher machines.

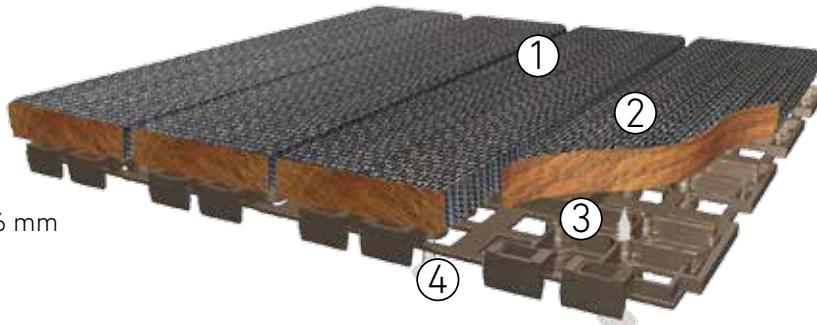
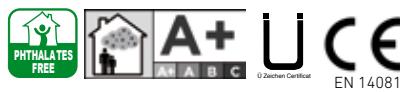


TILES

TECHNICAL DATA SHEET

Floover Tiles is an exclusive outdoor flooring with innovative design, available in 2 sizes, both with the same composition. The top layer is a woven vinyl in attractive designs composed of a nuclear of polyester, encapsulated in vinyl to reinforce the resistance and wear. These tiles rest easily on any support and are removable with equal ease.

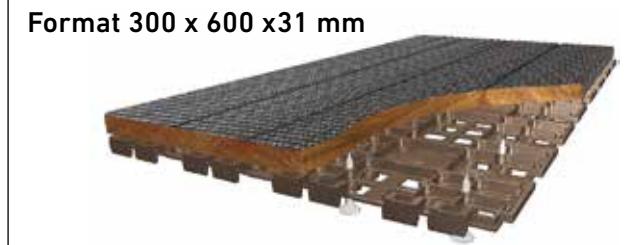
Format 300 x 300 x 31 mm



- ① Woven Vinyl
- ② Thermo treated pine 16 mm
- ③ Polypropylene grid
- ④ Zinc-coated screw



Format 300 x 600 x 31 mm



Characteristics	Test	Tiles
Individual strip size		292,5 x 70 x 16 mm ($\pm 0,5$ mm) / 588 x 70 x 16 mm ($\pm 0,5$ mm)
Gap between strips		4 mm ($\pm 0,5$ mm)
Classification (superficial layer)	EN 685	23/33
Density		480 kg/m ³
Hardness		65 Shore D
Curve characteristics	Interior procedure	15.7 MPA (breaking strength: 200 dist.)
Heat conduction	ISO 8301-1991	0.07 W/m/K
Temperature resistance		No alterations between -25 and 70 °C
Resistance to water		Swelling after 24h 0,00%
Thermal dilatation coefficient	Interior procedure	0,81 mm / m / 10°C
Slip / Slide resistance	EN 12633	Class 2 (Class 3 with additional treatment)
	DIN 51130	R10
Abrasion resistance	EN 660-1 / EN 660-2	0,068 mm / 1,80 mm ³
UV ray resistance	ISO 105 - B02	> Grade 6
Spots and chemical resistance	EN 438	Grade 5 (Group 1, 2 and 3)
Formaldehyde emission	EN 717	E1
Fungus resistance	ASTM G21	Grade 1



NOTE: Being a textile product, this range has a tolerance of 2% asymmetry, known as skew and bow effect. Maximum fraying tolerance of 5 inner-yarns/ml guaranteed. It has all the textile properties and these may suffer variations or changes with time that may affect and alter the colour.

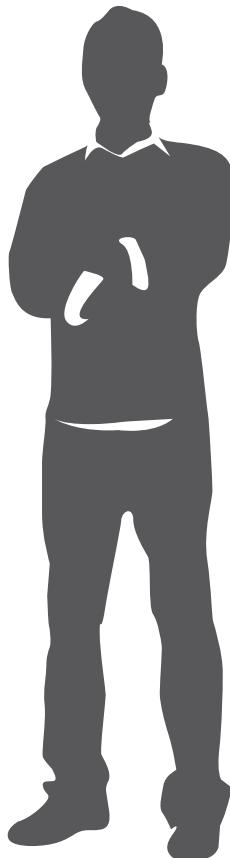




DECORS WOVEN RANGE

The best designs and finishes for your project

WOVEN FORMATS



Roll 2 x10m



SOLUTIONS DESIGNS

ALL WOVEN DECORS

GLUE DOWN (SHEET)
for walls and furniture

GLUE DOWN
(ROLL)

GLUE DOWN (TILE),
LOOSE LAY

GLUING SYSTEMS

WOVEN FORMATS



2000 X 98 mm



913x303 mm



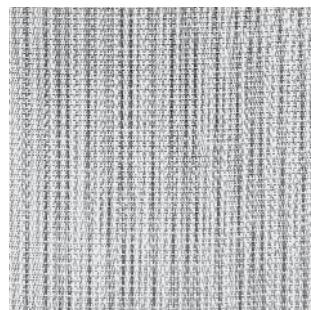
600 x 900 mm



300 x 600 mm



600 x 600 mm



7 COLORS WOVEN INTEGRATE

HDF, HDF LIGHT,
SPLASH20,
SPLASH20 LIGHT

DECKING

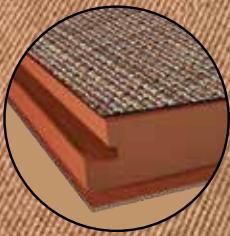
TILES

RAISED

CLICK SYSTEMS

OUTDOOR

RAISED ACCESS FLOOR



WV4006
HDF solution

WOVEN INTEGRATE



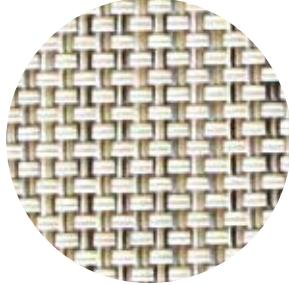
Available in all Floover solutions



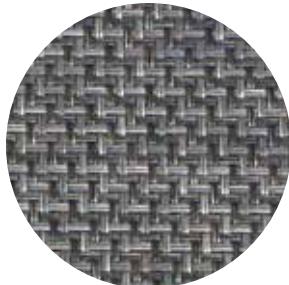
WV4006
Tranquility



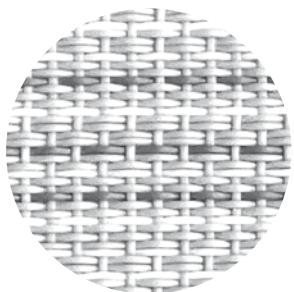
WV4007
Spice



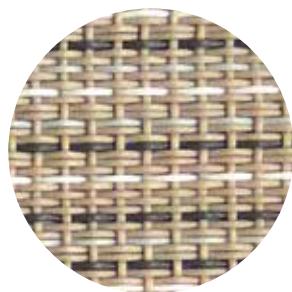
WV4008
Bold Beige



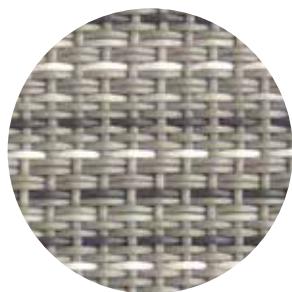
WV4010
Reflection



WV4017
White Stitch



WV4018
Ecru Hem



WV4019
Grey Stitch





WV4002
SPLASH20 solution

WOVEN RANGE

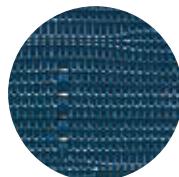
Available in Glue Down (rolls and tiles) and Loose Lay solutions



Bamboo 501



Bamboo 502



Bamboo 504



Bamboo 505



Sisal 701



Sisal 702



Sisal 703



Sisal 704



Sisal 705



Streaky K03



Streaky K04



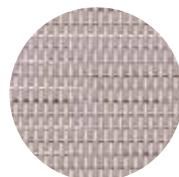
Streaky K05



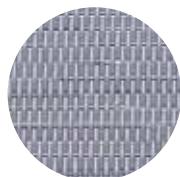
Streaky K06



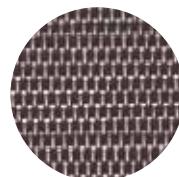
Streaky K07



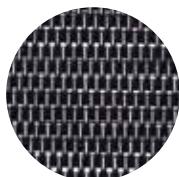
Ellipse E11



Ellipse E12



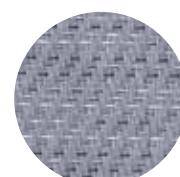
Ellipse E13



Ellipse E14



Infinity S01



Infinity S02



Infinity S03



Infinity S04



Infinity S05



Infinity S06



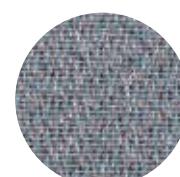
Granite T01



Granite T02



Granite T03



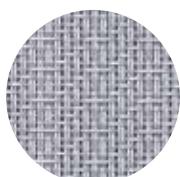
Granite T04



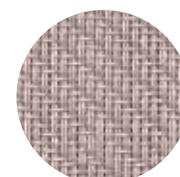
Granite T05



Granite T06



Quilt Q01



Quilt Q02



Quilt Q03



Quilt Q04



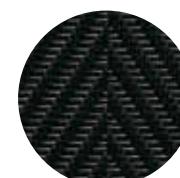
Quilt Q05



Herringbone 601



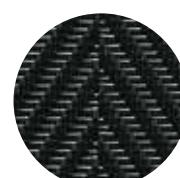
Herringbone 602



Herringbone 603



Herringbone 604



Herringbone 605

Please consult your salesman or our customer service for delivery times



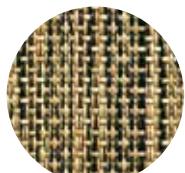
Different solutions and decors

WOVEN RANGE

Available in Glue Down (rolls and tiles) and Loose Lay solutions



Linen 101



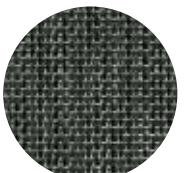
Linen 102



Linen 103



Linen 104



Linen 105



Linen 106



Linen 107



Linen 108



Twill 201



Twill 202



Twill 203



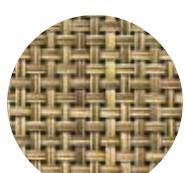
Twill 204



Twill 205



Rattan 301



Rattan 302



Rattan 303



Rattan 304



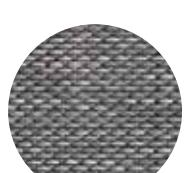
Rattan 305



Rattan 306



Rattan 307



Bold Grey WV4001



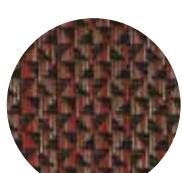
Calm Beige WV4002



Calm Blue WV4003



Diamond Cut Grey
WV4004



Diamond Cut Red
WV4005



Vitality WV4009



Zest WV4011



Divine WV4012



Jaggery WV4020



Rapadura WV4021



Silver WV4022



Aluminium WV4023

Please consult your salesman or our customer service for delivery times





ACCESSORIES

Same designs and textures as flooring

SKIRTING

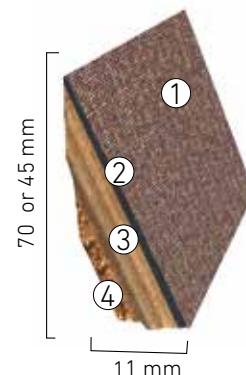
CLICK SKIRTING

Available in every Floover decor. Skirting length depending on decor.

70 x 11 x 915 / 913 mm

45 x 11 x 915 / 913 mm

MINIMUM ORDER QUANTITIES		
Plank width	305 mm	225-230 mm
Multiples of..		
45 mm	6	4
70 mm	4	3



- ① Woven Vinyl
- ② Vinyl
- ③ HDF/ SplasH20
- ④ Cork

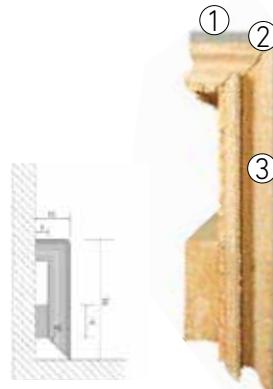
UNICLIC 
Produzione Uniclic S.p.A. - Via G. Cesare 10 - 20040 Cologno al Serio (BG) - Italy - Tel. +39 035 620000 - Fax +39 035 620001

NEW CLICK SKIRTING

Available in every Floover decor. Skirting length depending on decor.

56 x 15 x 915 mm / 1230 mm / 1815 mm

MINIMUM ORDER QUANTITIES		
Plank width	56 mm	
Multiples of..		
225-230 mm	3	
305 mm	4	



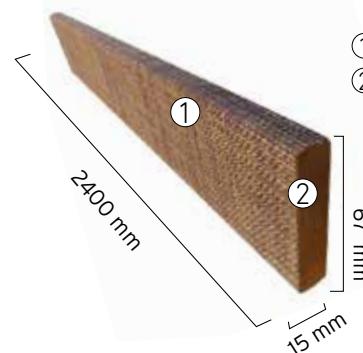
- ① Woven vinyl
- ② Vinyl
- ③ HDF/ SplasH20

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WOVEN OUTDOOR SKIRTING

Outdoor skirting.

Piece: 2400 x 15 x 67 mm - 2,5 kg



Only available for the 7 colors Integrate (see page 29)

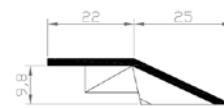
STAIROUSE AND TRANSITION

TRANSITION OVERLAP

Available in every Floover reference. Same level as the flooring.

Same length and thickness as flooring pieces.

Production minimum is 6 pieces or multiple.



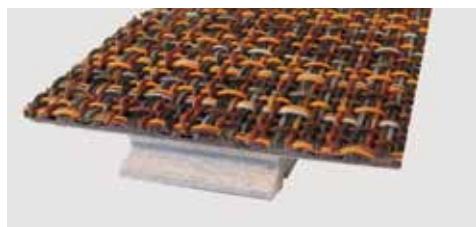
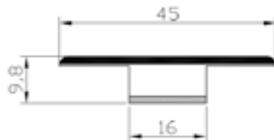
UNICLIC 
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STAIRNOSE AND TRANSITION

DILATATION JOINT

Same design and textures as flooring. Same length as floor planks.

Production minimum is 6 pieces or multiple



UNICLIC®
Produzione Italica di Italica S.p.A. - 06042 Gualdo Tadino (Perugia) - Italy

FLOOR RAISED ACCESSORIES

PEDESTALS FLOOR RAISED

Galvanized steel pedestals adjustable in height from 30 mm to 1800 mm, with conductive plastic lining.

Box: head 50 pieces + feet 50 pieces

Piece: 0,45 kg (approx. 247 mm)

- ① **Plastic lining:** Latistat 48/9900-03 Y2c/ 15% PEBD
- ② **Head:** Diameter 90 mm with 2 mm thickness. Quality Stw22
- ③ **Threaded tube** with M16 thread. Quality TC310 TRECEM
- ④ **Fixing nut:** M16 0.7 mm thickness. DIN 796
- ⑤ **Tube:** Diameter 20 mm with 2 mm thickness.
Quality ST 34-2 (tube diameter increases with higher altitudes)
- ⑥ **Base:** Diameter 80 mm with 1.5 mm thickness. Quality Stw22



BEAMS FLOOR RAISED

Galvanized steel beams with different characteristics, depending on the application:

1. **Standard:** 0.8 mm thickness. Clic system. Suitable for brace-technical raised floors, supporting normal traffic loads. Normally used from 250mm in total height.

2. **Heavy:** consists of a tube with 25x25mm and 1mm thickness. To be fitted with a self-tapping screw M5x12mm. Suitable for brace-technical raised floors, supporting heavy loads (electrical panels, transformers rooms, etc...) and over 250 mm height.



STANDARD

Box: 160 pieces (32 Kg/box)

HEAVY

Box: 120 pieces (48 Kg/box)

DECKING ACCESSORIES

CLIP STANDARD

To use with Pine Beam.

Clip sizes: 41x38x11mm (1000 pcs/box)

Screw size: 20x4,5 mm (500 pcs/box)

Average required: 25 clips/m² (50 screws)



CLIP L-SHAPE

Clip sizes: 42x38x32 mm

Available
on demand



PINE BEAM

Autoclave-treated pine support beam. Ideal for outdoor use.

Size: 70x35x2000 mm (or shorter)

Average required: 2,6 ml beams/ m²



B-FIX WOOD SET

It contains the items necessary to install 1,568 m² (=1box) of Floover Decking on pine support beams (45 clips black, 2 Borders Clips, 48 Wood black screws, 2 Border screws and 1 Torx 20 bit)

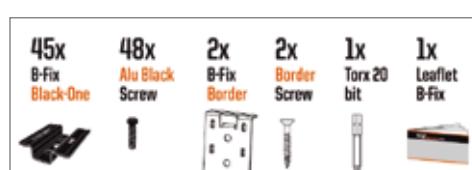
Weight: 0,885 kg



B-FIX ALU SET

It contains the items necessary to install 1,568 m² (=1box) of Floover Decking on aluminium support beams (45 clips black, 2 Borders Clips, 48 Alu black screws, 2 Border screws and 1 Torx 20 bit)

Weight: 0,828 kg

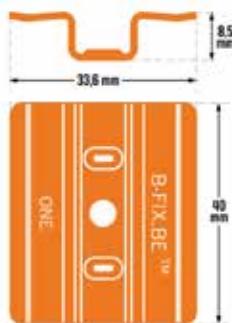


DECKING ACCESSORIES

BOX SET ITEMS

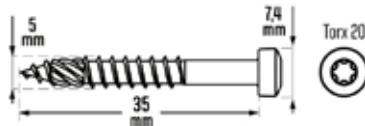
B-FIX CLIP

To use with Pine or Aluminium Beam. High finish level, invisible. Quick and easy installation: 40% time savings. Respects wood movement: «spring effect». Local disassembly possible.
Clip sizes: 33,6x40x8,5mm (45 pcs/box)
Average required: 25 clips/m² (25 screws)



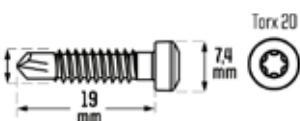
WOOD BLACK SCREW

Self-drilling wood screw inox A2 + black organic coating.
Screw sizes: 5x35 mm (48 pcs/box)



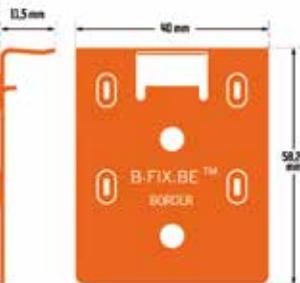
ALU BLACK SCREW

Aluminium screw, self-drilling inox A2 with steel point + black organic coating.
Screw sizes: 5x19 mm (48 pcs/box)



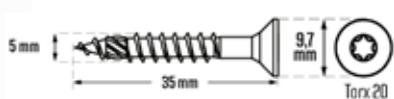
BORDER CLIP

Manufactured in 301 Stainless Steel, this system ensures optimal attachment. Because of its simplicity, it saves valuable time when installing.
Clip sizes: 33,6x40x8,5mm (45 pcs/box)
Average required: 25 clips/m² (25 screws)



BORDER SCREW

Manufactured in A2 stainless steel + silver coating.
Screw sizes: 5x35 mm (48 pcs/box)



TORX 20 BIT

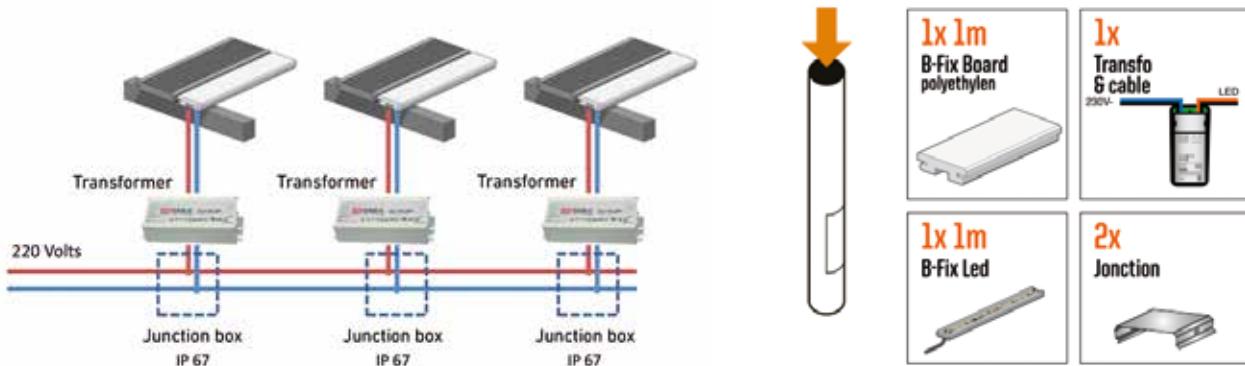
50 mm long Torx to screw B-fix clips and Borders. Recommended to replace every 100 uses.



DECKING ACCESSORIES

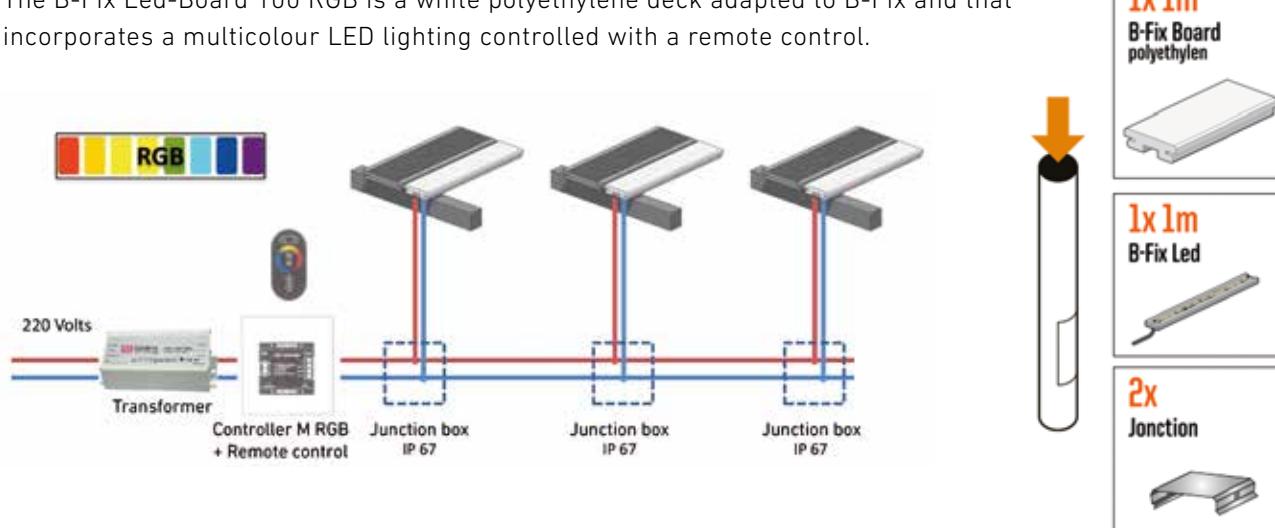
LED BOARD 100 MONOCHROME

The B-Fix Led-Board 100 Monochrome is a white polyethylene deck adapted to B-Fix and that incorporates a white LED lighting. Transformer connected to each LED Board.



LED BOARD 100 RGB (COLOURS)

The B-Fix Led-Board 100 RGB is a white polyethylene deck adapted to B-Fix and that incorporates a multicolour LED lighting controlled with a remote control.



ACCESSORIES FOR LED RGB

Select the transformer according to the number of LEDs connected. Cf. rate. Controller M RGB for 30 ml with remote control. If >30ml, you need to connect a second controller S (without remote control) for the next 30 ml.



OTHER COMPLEMENTS

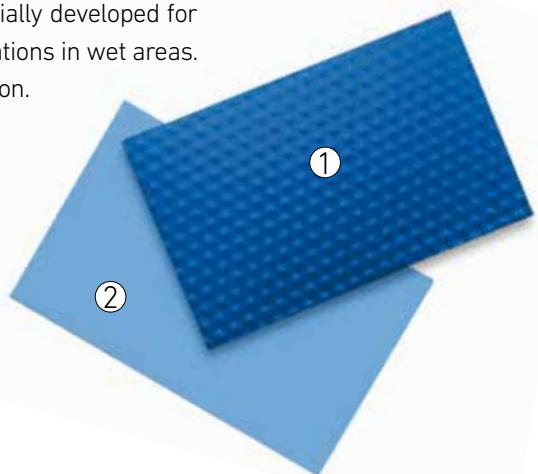
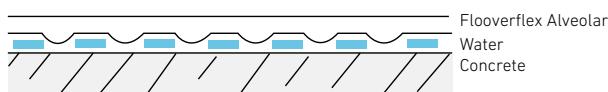
FLOOVERFLEX



Floor underlayment foam for water vapour control. Specially developed for Floover SplasH₂O and SplasH₂O light solutions for installations in wet areas. It reduces sound transmission and improves heat insulation.

① Flooverflex Alveolar: Extruded polystyrene Foam HD-XPS

- No smashing effect (sound and pressure)
- Evaporation effect convenient



② Flooverflex Original: Vinyl Foam HD-HEPS



FLOOVER SPLAS_H₂O AND SPLAS_H₂O LIGHT WITH FLOOVERFLEX INTEGRATED:

A finished product that saves labour and transport cost in just one component.



Characteristics	Test	Flooverflex Original *	Test	Flooverflex Alveolar
Colour		Blue		Blue
Material		HD-HEPS		HD XPS
Dimensions	EN 822	635 x 930 / 1245 x 954 mm	EN 822	635 x 930 / 1245 x 954 mm
Thickness	EN823	1,5 mm	EN 12431	1,5 mm
Load Resistance (in compression 0,5mm)	EN 826	≥ 200 (-20) kPa (t/m ²)	EN 826	≥ 500 (~50) kPa (t/m ²)
Thermal resistance	DIN 4108	~ 0,039 m ² Kw	ISO 8302	~ 0,0599 m ² Kw
Absorption	EN 12087	< 0,5 Vol. %	EN 13472	< 0,05 kg/m ²
Weighted reduction of impact sound's level	ISO 140-8	13 dB	ISO 140-8	19 dB
Weighted reduction of acoustic sound's level	CEN TC1276	5 dB	IHD- W 31	6,3 dB
Suitability for underfloor heating		yes **		yes

* Remarks: All above values are determined at laboratory conditions and with defined laboratory test sets. They can deflect in praxis or with other system components. For all performance data, tolerances are possible due to uncertainty of the test method. The above statements reflect the current state of our knowledge, providing information about our products and their application. Therefore, they cannot guarantee particular product features or suitability for a specific application.

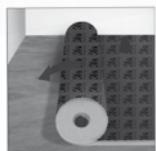
** Recommendation: The effective audibility for the application underfloor heating have been identified based on system component. The recommendation of BVF should not exceed the total flooring system of 0,15 m² K/W.

POLYPROPYLENE FILM

To install Floover flooring, just place the Polypropylene Film on the ground and seal the unions with masking tape, to ensure the vapour barrier as per the European rules. This is essential to ensure the proper performance of the flooring.

100 gr/m² - 8 kg

100 m² x 100ml







INSTALLATION & MAINTENANCE

How to install, clean and maintain Woven

CLICK SYSTEM

INSTALLATION (HDF, HDF LIGHT, SPLASH20 AND SPLASH20 LIGHT)

BEFORE INSTALLATION

Before, during and after the installation, the room must be preserved in ambient conditions delineated in the paragraph "air-conditioning".

Before the installation, make sure the product has not been damaged during transportation. Damaged material will be not replaced once installed. If any manufacturing defect, wrong color or brightness is found during the inspection, please immediately contact the retailer from which the flooring was purchased.

Some differences of colour and structure are due to the nature of the material and so they cannot be an object of a claim. As with all natural products once exposed to sunlight there is a possibility that there will be some minor alteration in the colour. Also, once the product is subjected to extreme ambient conditions of temperature and/or humidity some modifications of the dimensions of the board can occur (between 0,15% and 0,30% dilatation).

Surface base: All surfaces where the product has to be fitted, must be predisposed to the laying, following principles in respect of the actual normative, in particular the requisites will be:

1. Dry and without humidity (cement subfloor <2.0% CM – anhydrite <0.5% CM).
2. Level (with differences of level of max. 2 mm for one meter).
3. Compact and resistant screed.
4. Clean and without crusts and dust.

AIR-CONDITIONING

The floor must be conserved at a temperature of the environment in which it will be laid for 48 hours before the fitting.

The ideal conditions are 20°/22°C of temperature and 50-60% of humidity.

FUNDAMENTAL NORM FOR THE INSTALLATION

Place a 0.2mm-PE-film layer on the entire installation area before installing the floor – it will act as a vapour barrier.

Also recommended in SplasH20, to avoid bad odours, smells and liquid filtrations.

The joint of the different PE film sheets must be placed upon each other for min. 300mm.

The flooring must always be fitted in a floating way, so without glue to the below surface or anchorages of nails or screws.

Assure a stagger of the board not inferior of 300 mm.

Maintain a distance of 10 mm from all the fixed structural works at the edge of the perimeter.

In the areas, doors, passages or surfaces bigger than 120 m² and also in the length superior to 12 m and 10 m width, you have

to consider the use of dilatation joints (HDF/HDF Light: 150 m² / 15 m length – 10 m width).

Cut the profiles of the doors at the high of the flooring. Our range of indoor products is suitable for all types of spaces. SplasH20 version is recommended for wet areas such as kitchens, bathrooms or SPA rooms.

In areas near to large windows or glass fronts, the impact of sunlight can create temperatures on the flooring of up to 60°C. Floover recommends HDF instead of Splash20 or SplasH20 Light and the use of curtains to minimize the heating of the flooring.

This flooring shows different features: It is elastic, insulating in the thermic and acoustic point of view and it is easy to maintain. It is also resistant and simple to install. The floor has got a click system without glue and you can remove it in any moment without any damage and then you can re-install it following the initial instructions.

INSTALLATION

To start with, it is necessary to have adhesive tape and polyethylene film, which is important as insulating against the vapour. The essential tools are: metre, pencil, saw, hammer, sealing, level and spacers.

Open the packs only when you install the flooring and mix the boards of the different boxes. In Woven range, do not mix boards of different production lots. Finish the material from one batch before using the next one.

1. Start to install the first row from a corner of the room using the spacers to leave the distance necessary for the dilatation of the flooring.
2. If possible, install the planks in the direction of the sunlight in the room
3. Join the boards laterally by setting the planks in an angle of 15°-20° and gently clicking it in, until you hear the acoustic "click"
4. Cut the board necessary to complete the first line and save the not installed piece.
5. After having lined up the first line of boards, lay the second line using the remaining piece of the last board of the previous line. Install the first board of the second line slightly diagonal as indicated and fix it by balancing it.
6. The short joints of the boards between two different lines, must be offset of 300 mm at least (stagger).
7. Proceed in the same way with the second board and position the frontal part of this last one against the first one.
8. To install the last line of the boards measure the remaining

INSTALLATION (HDF, HDF LIGHT, SPLASH20 AND SPLASH20 LIGHT)

distance between the wall and the last line. Cut the boards in the length and lay them.

Note: When you use a tapping block (min. 20cm long) to click or put together the short side flat, not put the tapping block against the tongue. Put the tapping block against the groove or the over lip from the tongue side, otherwise you can damage the tongue.

The distance from the wall and from all the stable elements must be of 10 mm at least. (minimum 1,5 mm for every metre of width in the larger room). Do not place heavy furniture on the flooring, it can block its natural movements.

AFTER LAYING

Remove the spacers after the complete laying of the flooring. Apply felt pads under the tables, chairs etc... When you move heavy furniture, lift them and do not trail them. Office chairs must have soft polyamide wheels in respect of the norms.

Skirting, profiles, repairing tools and detergents are very important accessories. Your retailer can suggest and show you a large range of accessories available. Protect your floor in future works.

CLEANING AND MAINTENANCE

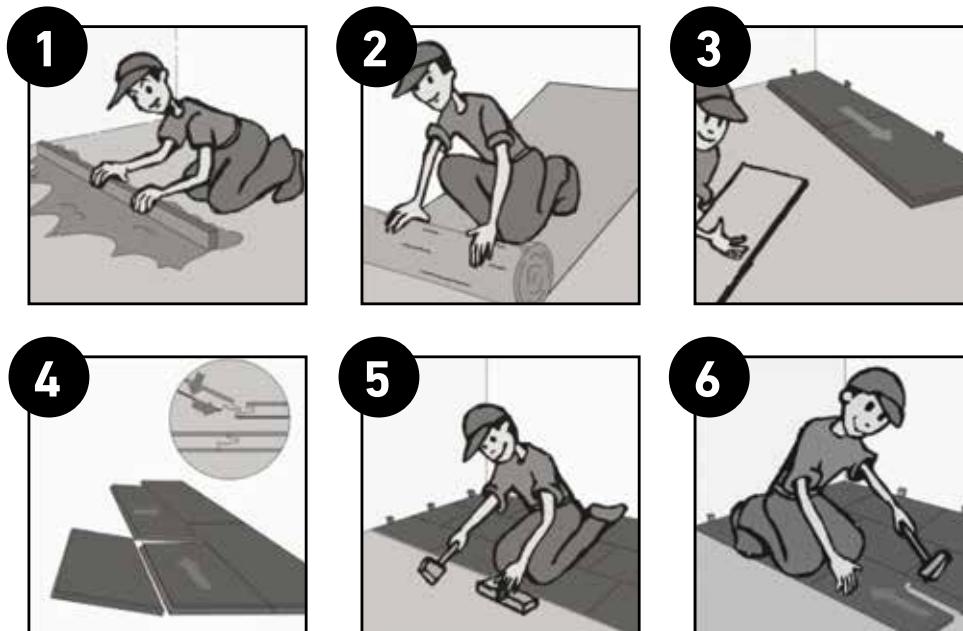
Clean the floor with a humid cloth after the laying and before the fitting of the skirting. For the first cleaning, please use special maintenance cleaner for PVC. Depending on level of use, the flooring must be cleaned in regular intervals with topic cleaner, never wet but humid and well squeezed.

The duration of your floor doesn't depend only on the use, but also on the maintenance and cleaning. Use only suitable products and follow our indications. Do not use aggressive essences with glycerine because they can attack the surface.

UNDERFLOOR HEATING

It is possible to install the floor on an underfloor heating system. Before installation, it is necessary to have the heating system working at 25 – 30 °c for 10 days before installation, to ensure that any humidity has been dried.

Once the floor has been installed, turn on the heating system gradually, increasing the temperature 2-3°C daily until it reaches the maximum temperature. This maximum temperature must be maintained for min. 1 day for every cm of the subfloor-thickness and kept also during the night. Then, you must start to decrease the temperature by 2-3°C per day until the temperature of the flooring reaches 15°C (this should take approx. 10 days)



UNDERFLOOR HEATING

INSTALLATION

GENERAL INSTRUCTIONS

All Floover flooring can be used in conjunction with low temperature underfloor heating, under the following conditions. This is with underfloor heating systems with heating components - hot water or electric — embedded in the floor. The underfloor heating must be installed in accordance with the supplier's instructions and the generally accepted instructions and rules. The general installation instructions for Floover flooring without underfloor heating also apply of course, unless explicitly mentioned below. The flooring must be laid floating.

It's recommended to lay an underlay with built-in moisture barrier or begin with a separate plastic film of a minimum of 0.2 mm thick. In this case, use a single sheet of plastic foil, or use several sheets but make sure they overlap at least 20 cm and tape them together.

PERFORMANCES

The maximum allowed heat resistance (R) of a floor covering is 0.15 m²K/W (EN 4725), in order to achieve Energy saving rules established by CE organization and specified generally. All Floover products accomplish those requirements, and have the following values for energy saving calculations:

	STANDARD HDF CONSTRUCTION	SPLASH20 VERSION
FLOOVER ORIGINAL	0,088 K*m ² /W	0,060 K*m ² /W
FLOOVER SYNCHRO	0,089 K*m ² /W	0,061 K*m ² /W
FLOOVER PLUS	0,090 K*m ² /W	0,062 K*m ² /W

It's important to accomplish limitations of m² in 1 installation without joints: < 120 m² for Floover SplasH20 and SplasH20 light / < 150 m² for HDF and HDF light.



UNDERFLOOR HEATING

CONCRETE OR SCREED AS SUB-FLOOR

The type of screed and the installation method, combined with the underfloor heating, must comply with the instructions of the suppliers of the screed and the underfloor heating system. To obtain a homogeneous heat distribution across the entire floor, the distance between the heating elements must not be greater than 30 cm. The depth of the elements is determined by the fitter of the underfloor heating. The sub-floor must be sufficiently DRY across its complete thickness when installing the floor covering. This is maximum 1.5% according to the CM method for cement-bound floors and maximum 0.3% for anhydrite-bound screed.

This can only be guaranteed, when installed in new buildings, by starting up the underfloor heating. Start up the underfloor heating gradually at least two weeks before laying your FLOORVER flooring, and minimum 21 days AFTER laying the screed (max. 5° per day).

- at 50% of the capacity for 2 weeks
- 100% for the last two days.

For newly spread screed, follow the guidelines of your installer for the start up period. A heating protocol should be presented; ask for it if necessary.

FLOOR COOLING

More and more systems that combine heating and cooling are being installed in homes. A combination of heating in winter and cooling in summer can for technical and physical reasons be problematic in combination with organic floorings in general and with Floover in particular. Not for Floover SplasH2O version, which resist all humidity and water condensation.

The installation instructions for Floover flooring on underfloor heating without cooling also apply here of course. Low temperature will produce condensation in the floor and damage the HDF / Cork layers: warping, distortion, swelling and gapping. Floover only recommends SplasH2O and SplasH2O light for cooling system.

An effective control system consists of automatic probes that can detect when the dew point (when condensation starts) is reached under or in the Floover, and then switch the cooling off. Room thermostats should never be set under 24°C. In addition, thermostats must never be set at a temperature which is 5°C lower than the room temperature. So at a temperature of 32°C, the room thermostat must not be set lower than 27°C. The cooling circuit must have a control that prevents the temperature of the cooling liquid dropping below 18 to 22°C. This depends on the climate zone where the floor is installed. In zones with a high relative humidity, the minimum is 22°C; at average humidity and temperature levels, it can go as low as 18°C.

If you do not respect these instructions, the warranty Floover is void.

A heat resistance of less than or equal to 0.09 m²K/W is normally recommended for floor cooling. The heat resistance of Floover is always accomplished with that requirement.

HEATING FILMS

Heating films or other "new" systems ON the screed or wooden sub-floor are not always suitable. Further guidelines for these applications can be found below. An underlay can be used to level the floor, to insulate it and in particular to embed the film elements and electrical connectors. The following structure is usually applied: first the underlay, then the heating film and then the FLOORVER floor. For these systems the conditions that have to be fulfilled are that the heat must be distributed homogeneously across the entire floor to prevent any cold or warm zones, that the heat radiates up and not down, that the maximum contact temperature is not more than 27°C, and that the electrical connectors between the panels are thin enough to be sunk in the underlay mat while maintaining their strength and electrical safety, also in the event of possible condensation or a leak.

A second type of heating systems for renovation is a system with warm water pipes or electrical resistances embedded in frames. These are usually polystyrene panels which may be combined with metal plates. We consider these systems to be more reliable because they ensure a more homogeneous distribution of heat, provide heat insulation under the underfloor heating, have good contact and provide a stable sub-floor under the laminate floor. The above-mentioned notes still apply but we believe they are easier to fulfil.

WOVEN GLUE DOWN

INSTALLATION

REQUIREMENT OF BASE CONDITION

Note the following requirements depending on the different surface material:

1. Concrete: Standard practice shall be followed. If the moisture condition of substrate is not reaching the standards, please treat the substrate with heavyduty epoxy-based moisture control system and wait until it is completely dry.
2. Wood: Standard practice shall be followed. Please do not install our flooring products directly over plywood, treated wood or other uneven or unstable wood substrates. Always make sure the surface is clean, completely dry, flat and free of cracks. Dirt on the surface will affect the performance of adhesive and may telegraph to the surface once installed.

UNDERFLOOR HEAT SYSTEM

When installed on floors with underfloor heat system, the maximum allowed surface temperature is 29°C.

Install your floor at least 7 days after the installation of under floor heat system is completed. Thermal resistance 0,060Kxm²/W.

TILES

ADHESIVES AND SEALER

To reach a better adhesive result, please choose proper glue for different using areas and always follow user guides from the supplier. Here is a simple guide of how to choose the glue for:

- Low to moderate levels of traffic: chose an acrylic high quality glue such as Mapei Ultrabond ECO800 or similar.
- High levels of traffic: Use polyurethane compound glues, such as Henkel R710, or similar.
- Humid and wet areas: Use a water-resistant adhesive depending on subfloor material.

The Woven range is a vinyl textile, therefore it has all textile properties and may suffer variations or changes with time. These variations may affect and alter the colour.

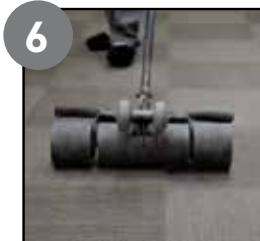
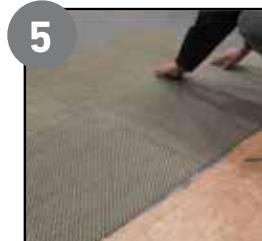
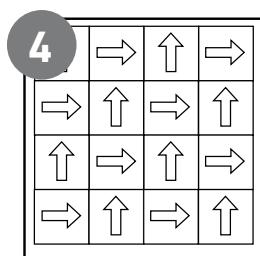
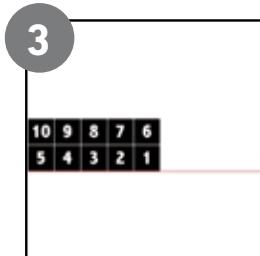
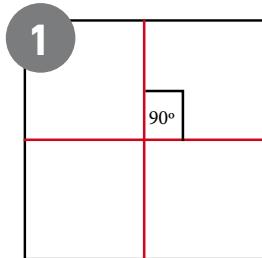
Because of the textile weaving process, it is possible to find some difference in tonality from one batch to another.

Floover controls these variations and identifies each tonality in the labels. When installing the material, finish one production lot first before starting the next one. Do not mix tiles from different batches.

TILES INSTALLATION

The installation process must be done at a temperature no lower than 15°C.

1. Before installation, we recommend drawing a draft of laying plan. Measure the center of the installation area and draw two perpendicular lines that will guide to a perfect design (pic1)
2. Spread the glue and let it to aerate for 5-10 minutes before laying the tiles (pic 2).
3. Install from this cross section, laying the tiles in the chronological sequence as indicated (pic 3).
4. Take a look to the arrow sign on the back side of each tile. The recommended installation system is chessboard (pic 4).
5. Make sure each panel is firmly closed and straight to each other panel otherwise it will affect the design in the whole installation (pic 5).
6. We suggest cutting all the edges tiles before applying the glue.
7. After installation, use minimum weight 75 kg roller to erase any glue bubble, vertical and horizontal way and a little one to run over the joints (photos 6 and 7).



ROLLS INSTALLATION

ADHESIVES AND SEALER

To reach a better adhesive result, please choose proper glue for different using areas and always follow user guides from the supplier. Here is a simple guide of how to choose the glue for:

- Low to moderate levels of traffic: chose an acrylic high quality glue such as Henkel K188E, Mapei ECO350 or similar.
- High levels of traffic: Use polyurethane compound glues, such as Henkel R710, or similar.
- Humid and wet areas: Use a water-resistant adhesive depending on subfloor material.

Cold welded sealer is recommended for roll installations; all the joints must be sealed with a cold welded sealer such as Werner-Muller-Gmbh type A, or similar. When fixing the flooring to the stairs, a protection mould is required for the front edge of each stair.

BEFORE INSTALLATION

Open the rolls and unroll them at least 24 hours before gluing them. If you have more than one production lot, we recommend to carry out a batch control in order to identify the tonality differences from one batch to another. Floover controls these variations and identify each tonality in the labels. When installing the material, finish one production lot first before starting the next one. Do not mix rolls from different batches.

ROLLS INSTALLATION

Roll-packed products are finished in approx. 200cm with some extra material allowing overlapping for proper installation.

Always roll the material out in the lengthwise direction of the room – this will create a nice visual appearance of the flooring and simplify the maintenance. Remember to avoid seams across the flooring.

1. Draw a line 196cm distant from the wall.
2. Lay out the flooring and follow the line's outer edge.
3. Next, the roll must overlap by approx. 4cm* (pic 1).
4. Cut through both lengths in the direction of the seam (pic 2).
5. Remove the surplus pieces (pic 3).
6. Spread the adhesive evenly on a half part of the area and allow it to aerate (pic 4).
7. Lay the roll down and erase any bubble using a heavy roller.
8. Repeat the same process with the other half.

*NOTE: For a Stripe design adjust overlap until the design meets. Then repeat double cut process (pic 5).

9. Cold welded sealing: Lift up both sides of the joint and apply recommended glue on the base subfloor. Glue down the material to achieve a perfect joint. Place special masking tape centered over the closely cut seam and press tightly with a roll (pics 6 and 7). Cut masking tape with a rolling knife in the area of the seam (pic 8). Apply the recommended glue inside of the seam and pull along (pic 9). Pull off masking tape once dried (pic10). It is possible to make the cold welding without masking tape cleaning the excess of glue with a dry cloth.



FINAL FINISH

Use a white and damp clean cloth to wipe the surface of floor. Use Floover Cleaner when needed. Vacuum clean the whole area to ensure the cleanliness.

We recommend covering the whole area for next job operation. For intensive cleaning or long period renovation, we recommend to use Syntilor Composite Cleaner. The office chairs must have soft polyamide wheels in respect of the norms.

WOVEN LOOSE LAY

INSTALLATION

REQUIREMENT OF BASE CONDITION

Note the following requirements depending on the different surface material:

1. Concrete: If the moisture condition of substrate is not reaching the standards, please treat the substrate with heavy-duty epoxy-based moisture control system and wait until it is completely dry.
2. Wood: Do not install our flooring products directly over plywood, treated wood or other uneven or unstable wood substrates.

Always make sure the surface is clean, completely dry, flat and free of cracks. Dirt on the surface will affect the performance of adhesive and may telegraph to the surface once installed. The level of humidity must comply with the values prescribed in current norms: as a general rule, a maximum of 2,5-3% for cementitious substrates and 0,5% for gypsum or anhydrite-based substrates.

ADHESIVES AND SEALER

To reach a better adhesive result, please choose proper glue for different using areas and always follow user guides from the supplier. We highly recommend Ultrabond Eco Tack LVT. The use of non permanent glue allows you to replace easily a single tile and a easy access to the subfloor.

UNDERFLOOR HEAT SYSTEM

When installed on floors with under floor heat system, the temperature of surface cannot be higher than 29°C. Install your floor at least 7 days after the installation of under floor heat system is completed. The heating must be switched off at least 48h before, during and after the installation

GENERAL CONDITIONS

The installation process must be done at a temperature no lower than 15°C. Because of textile weaving process it is possible to find some difference in tonality from one batch to another.

Floover controls these variations and identifies each tonality in the labels. When installing the material, finish one production lot first before starting the next one. Do not mix tiles from different batches.

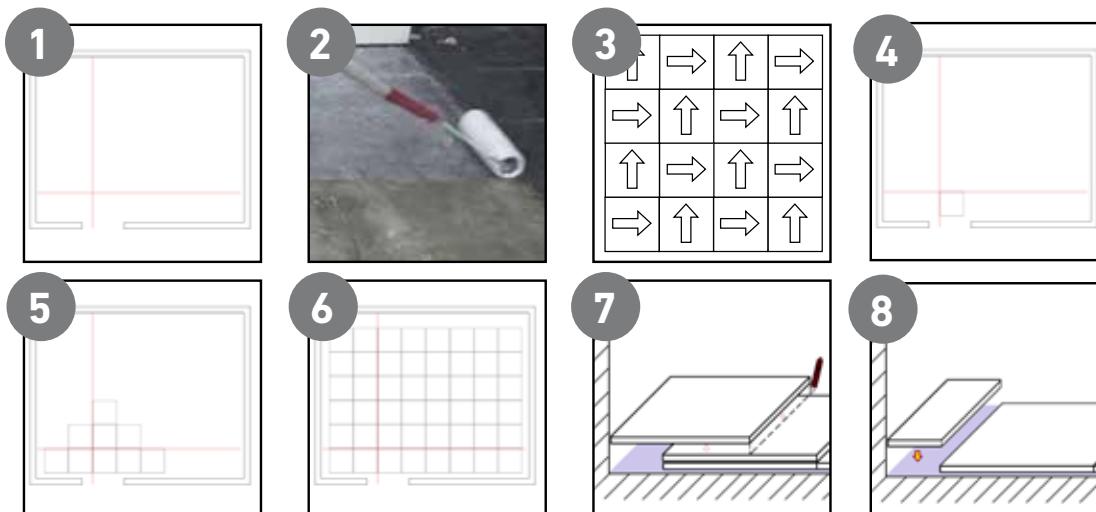
The Woven range is a vinyl textile, therefore it has all the textile properties and may suffer variations or changes with time. These variations may affect and alter the colour.

TILES INSTALLATION

1. Before installation, we recommend drawing a draft of laying plan. Start drawing two perpendicular lines, each one parallel to a wall, near from the room entrance (pic 1).
2. Spread the adhesive evenly over the entire surface (pic 2).
3. Wait until the water has completely evaporated, before starting with the installation of the floor. This waiting time can vary, depending on the type of substrate, surrounding temperature and the amount of product applied. Please let the product aerate for at least 1 hour and follow the manufacturer's instructions.
4. The design looks different depending on the direction of the tiles (have a look to the arrow sign on the back of each tile). The recommended installation system is chessboard (pic 3).
5. Install the first tile from this cross section (pic 4) and follow the lines to fill the surface progressively (pic 5).
6. Complete the installation of all the tiles that must not be cut (pic 6).
7. To fit the perimeter cut the pieces before installing them. Place the tile that has to be cut on the last one installed. Push another tile to the wall and cut (pic 7). Then fit the cut piece (pic 8).

FINAL FINISH

Use a white and damp clean cloth to wipe the surface of floor. Use Floover Cleaner for daily cleaning. For intensive cleaning or long period renovation, we recommend use of Syntilor Composite Cleaner. We recommend covering the whole area for next job operation. The office chairs must have soft polyamide wheels.



WOVEN RAISED

INSTALLATION

PRODUCT RECEPTION

After receiving the product, it has to be checked to be sure there isn't damaged material or missing pedestals, beams and any installation items.

REQUIREMENT OF BASE CONDITION

It's not recommended to install raised flooring onto linoleum, carpeted or similar. The surface has to be dry and clean and all the holes (doors, windows, ...), the walls, and the cabling must to be finished.

AIR-CONDITIONING

We recommend keeping a humidity of the room 45-70% between 5-24° and ≤ 50% between 24-30° before and during the installation and at least for three days after this.

INSTALLATION PLANNING

It's recommended to draw on the support the grid which defines the points where the pedestals has to be laid (pic 1). To set the high of the flooring characteristics of the room as the high of the doors or the windows have to be considered.

It's important to coordinate this installation with other works to be sure that all the pedestals can be laid correctly.

Recommended installation system: chessboard (pic 2)

Please, make sure all the flooring products are from the same item collection and made from the same lot. The Woven range is a vinyl textile therefore it has all the textile properties and these may suffer variations or changes with time. These variations may affect and alter the colour

GENERAL CONDITIONS

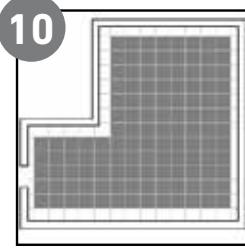
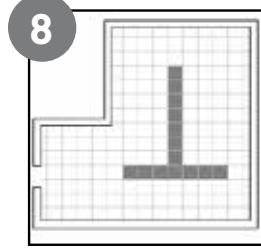
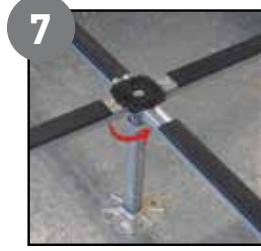
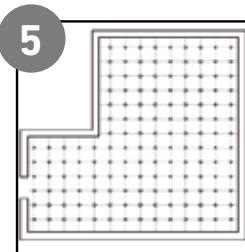
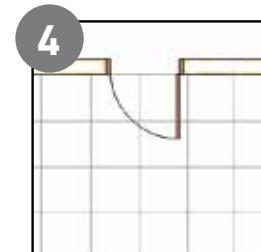
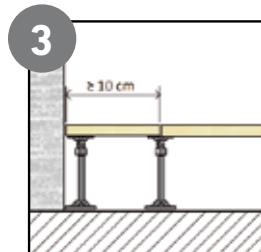
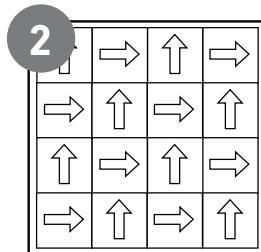
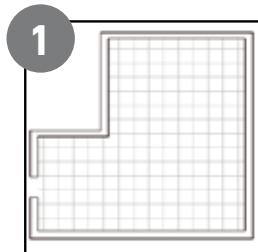
- Avoid as far as possible installing tiles lower than 10cm wide in the borders (pic 3).
- Next to stairs, ramps, or other floorings try to use entire pieces, or pieces not lower than 30cm wide.
- The tiles alignment has to be respected in the doorways and the transition joints have to be fitted under the door (pic 4).
- In long and narrow areas like corridors try to leave the same distance between the last entire tile and the wall in both sides. The tools normally used to carry out the installation of a raised floor are: Circular saw, suckers or other elevation tools, peg and rubber hammer, meter, ruler, pen and screwdrivers.

INSTALLATION

1. Lay all the pedestals on the points defined in the planning grid (pic 5).
2. Put the beams between the pedestals (pic 5 and 6) and level the structure expanding or shortening the pedestals (pic 7).
3. Install the entire tiles first in two different directions drawing a T (pic 8). Line up and level the surface (pic 9). Then complete all the entire tiles (pic 10).
4. Cut the perimeter tiles with the circular saw and fit them into the empty spaces.
5. It's possible to remove the installation starting at the borders or at the manhole cover.

FINAL FINISH

Use a white and damp clean cloth to wipe the surface of floor. Use Floover Cleaner for daily cleaning. For intensive cleaning or long period renovation, we recommend use of Syntilor Composite Cleaner. We recommend covering the whole area for next job operation. The office chairs must have soft polyamide wheels.



DECKING

INSTALLATION

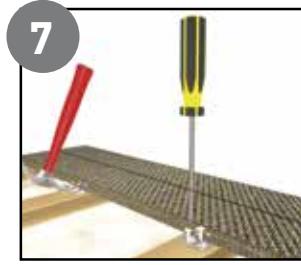
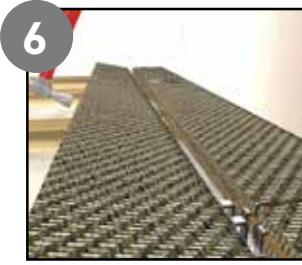
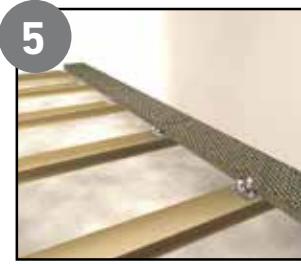
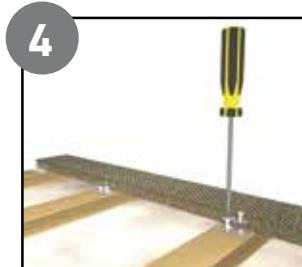
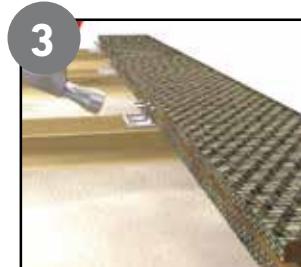
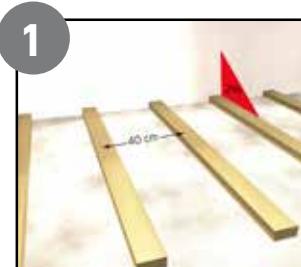
The support for laying Floover Woven Decking must be cleaned before starting the placement and it must have adequate resistance for the anchoring system of the beams. The most common types of supports are:

- Levelled concrete with drainage
- Concrete with slope
- Gravel
- Sand

In the outdoor decking systems it is essential to provide drain to the support assembly and to avoid the stagnation of water from rain, irrigation, needlework cleaning... Also, it is recommended to provide the support of a slope of 2% -5% to evacuate the water to the drainage points. The beams must always allow free flow of water to prevent accumulation.

INSTALLATION

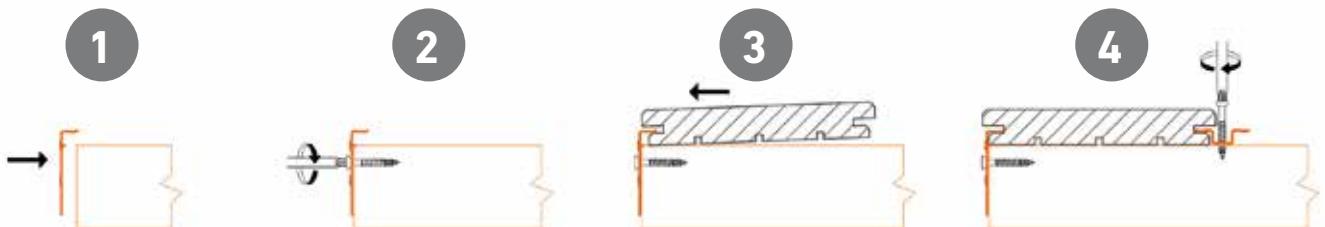
1. Place the pine or aluminium support beams in vertical rows leaving 40 cm between the center of a beam and the other. The distance between the center of the first two support beams must be 37 cm, in order to allow the heads of the Decking staves to fully cover the first support beam. In case of heavy loads (more than 300 kg/m²) it is recommended to reduce the distance between the beams to 25 cm.
2. Place the first stave laying it across the support beams and ensure that the head of the stave on the side in which you intend to continue with the flooring ends exactly halfway of the support beam so the other half of the support beam remains free in order to allow the insertion of the following stave.
3. Firmly insert the fins of the steel clips in the longitudinal groove of the stave next to the support beams. For this procedure it is advisable to use a rubber hammer.
4. For Standard Clips, screw the steel clips on the support beam inserting the screws in the two visible holes. For B-fix Clips, partially insert the screws (the head of the screw must be under the upper profile of the board), then place the next Decking board and screw them up completely.
5. Lay the second Decking board of the first row on the support beams starting from the free half part of the support beam leaving 3 mm between the heads of the staves to allow dilatation. Hook the clip that connects the two staves. For standard clips, take care of inserting one of the two fins of the clip in the first board and the other one in the second board. For B-fix clips, insert a half part of the fin of the clip in the first board and the other one in the second board. Then tighten the screws on the support beam. Then go ahead inserting and screwing all the other clips.
6. Install the first plank of the second row by firmly pushing (possibly with the help of a rubber hammer) the stave towards the clips already screwed on the support beams and make sure that the fins of the clips fit into the groove well.
7. Insert all the clips of the second row and screw them on the support beams, just like previously done.
8. The example shows correctly installed floor where you can see the different lengths of the stave.



DECKING INSTALLATION

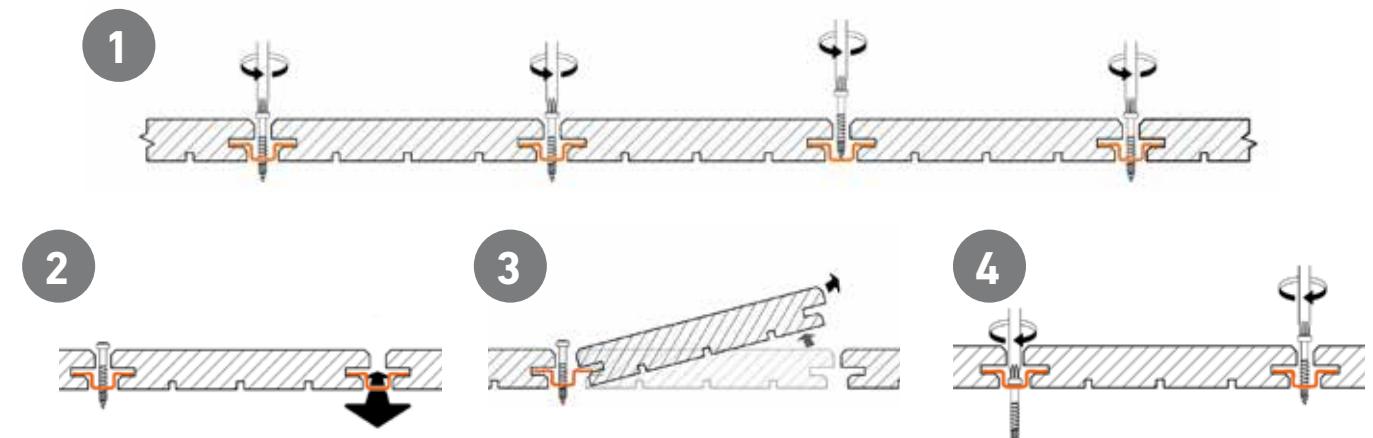
L-SHAPE AND BORDER CLIP

Floover L-Shape clip and B-fix borders permit the first and last decking boards to be attached directly to the end of the joists producing an entirely seamless finishing to the decking. The use of visible screws on the borders is thus no longer necessary.



SINGLE STAVE REPLACEMENT (B-FIX ONLY)

Completely unscrew and take out the screws of all the clips of one side of the board that you want to replace. Unscrew halfway the next 4 side rows screws allowing the plank moving. Then pull all the unscrewed clips with the help of a screwdriver or any thin tool and place them off the plank. Lightly balance the board and take it out with your hands. Place the new stave pushing it towards the halfway screwed clips and move the other clips back to their place. Completely screw all the clips.



LED BOARD (B-FIX ONLY)

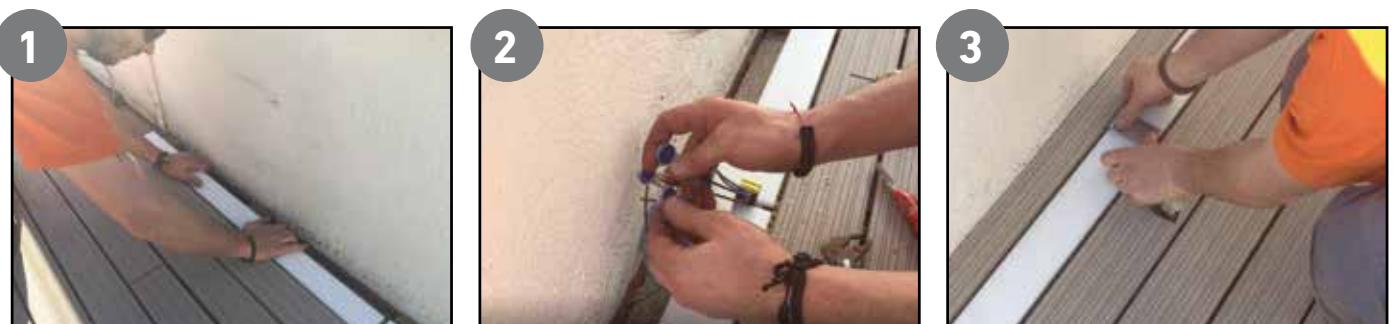
The B-Fix Led-Board is a white polyethylene deck adapted to B-Fix and that incorporates LED lighting. It is available in Mono-chrome or RGB (colour) versions either in 1m pre-wired or custom-made lengths.

Low consumption (LED led 90 cm RGB = +/- 11Watts) and a lifetime of 50,000 hours (more than 5 years on non-stop!).

Completely waterproof system (IP67 standard) and low voltage (24v / 12v).

Ability to control the intensity and colour of the lighting.

Follow the same steps as Woven Decking installation using B-fix clips. Connect the cabbling and the transformers after placing the LED boards. Place the joinctions between on the boards separations. Continue insalling the Woven Decking normally.



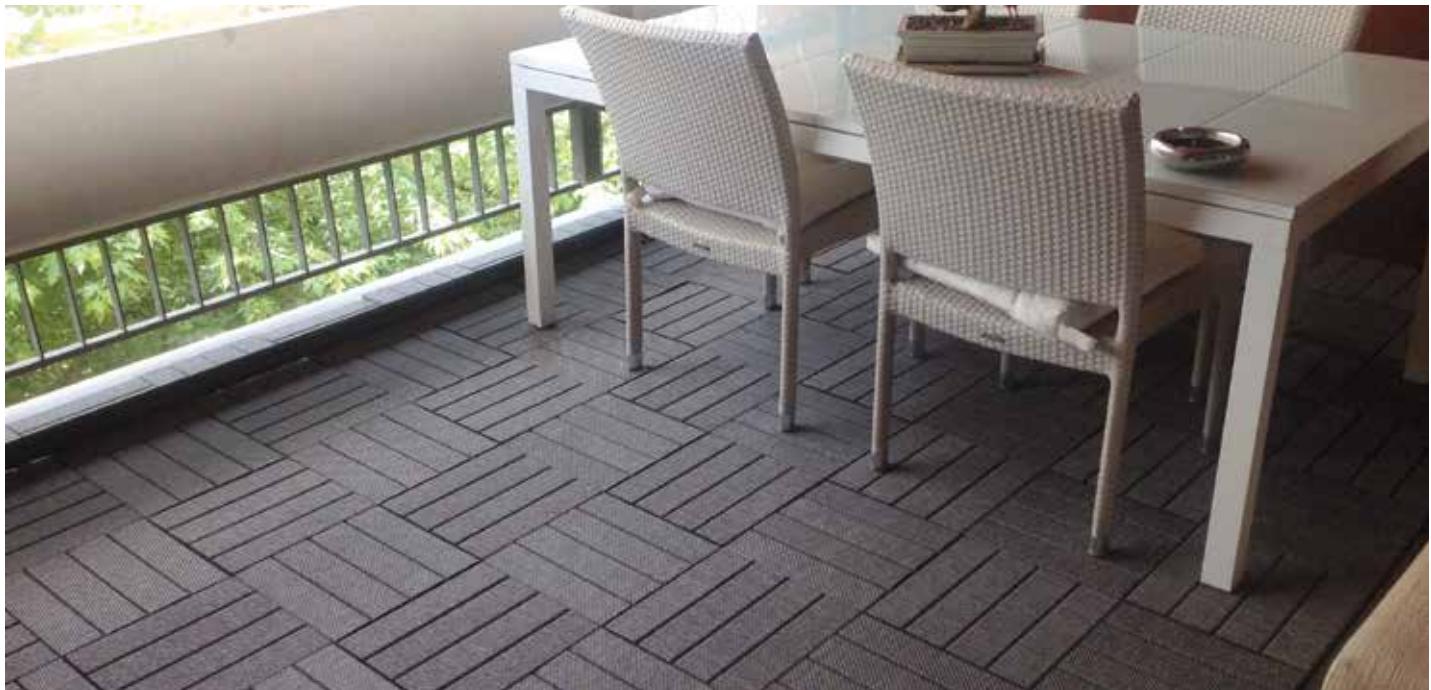
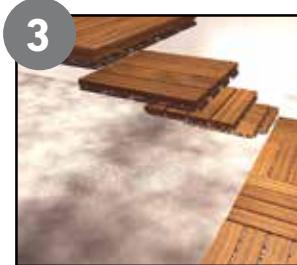
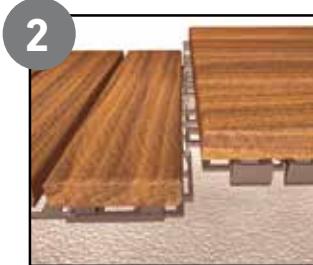
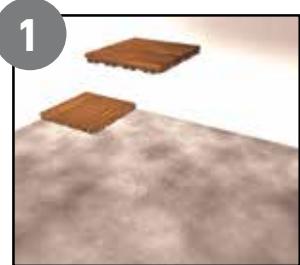
TILES

INSTALLATION

300x300 TILES

1. Place the first tile in a corner of the area to be covered, laying it with the strips in a vertical direction.
2. Click the female joints of the first tile onto the male joints of the second tile, which will be placed with the strips in a horizontal direction.
3. Install all the tiles alternating horizontal and vertical strip direction.
4. When clicking into place the second tile of the second row, lift all the tiles already laid because in this corner you will have two male joints.

5. To click in the new tile, you need to ensure that the female joints are inserted under the male joints of the laid tiles.
6. When clicking into place the third tile of the second row, lift the previous tile in the same row, so you click the male joints into the female joints of the new tile.
7. For the tile side that clicks onto the first row, simply click the male joints into the female joints of the corresponding tile.
8. The example shows correctly installed floor.



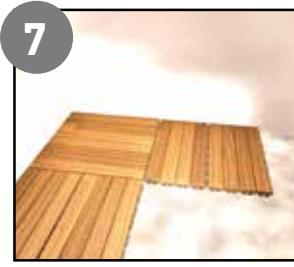
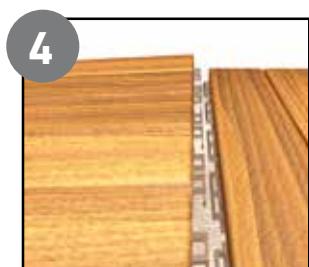
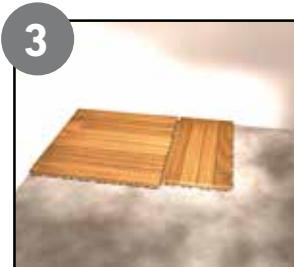
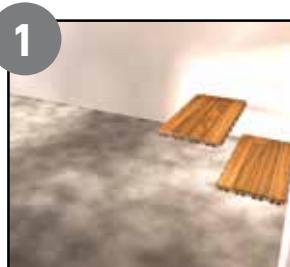
TILES INSTALLATION

300x600 TILES

1. Lay the first tile in a corner of the area to be covered, taking care to place the long side of the grid with the female joints towards the area where you want to lay the floor.
2. Click the male joints on the long side of the grid of the 2nd tile into the female joints on the long side of the grid of the 1st tile.
3. Install the 3rd and the 4th tile, insuring to place the strips composing tiles in perpendicular way compared to the ones of the first two tiles laid.
4. In order to insert the female joints on the long side of the tile, which you are laying into the male joints on the short side of the first 2 tiles laid, lift slightly up the short sides of the first two tiles laid, in order to allow to the female joints of the tile which you are laying to slide under it.
5. Fasten the 4th tile by lifting up the long side with the male joints of the 3rd tile just laid in order to allow to the female joints of the tile which you are laying to slide under them.
6. Install the 5th and 6th tile inserting the male joints on the short side of the tiles, which you are laying into the female joints on the long side of the 2nd tile laid. Fasten the 6th tile

with the 5th inserting the male joints on the long side of the 6th tile into the female joints on the long side of the 5th tile.

7. Verify that all the laid tiles create some squares of 60 x 60 cm. In order to make this, place two tiles with the strips parallel and then lay the neighbouring tiles with the strips put in perpendicular way.
8. Lay the 7th and the 8th tile taking care that the strips are placing in perpendicular way compared to the ones of the neighbouring tiles.
9. In order to install the 7th and the 8th tile, make sure that you position them in the right way: male joints (3rd and 4th tile) and on the left side female joints (6th tile). It is necessary to lift up the tiles with the male joints and make the female joints slide underneath on the long side of the tile, which you are laying. Then, insert the male joints on its short side into female joints of 6th tile.
10. The example shows correctly installed floor. Continue in the way previously illustrated for all the following tiles until to the end of installation.



MAINTENANCE

GENERAL RECOMMENDATIONS

Floover products have a high resistance against stains, abrasion, UV rays, etc... ,which make the product suitable for a wide variety of end uses, even outdoor. However, the durability of this flooring will depend also on a good installation, use and maintenance. We would like to show you some instructions to maintaining your Floover floor in a perfect condition.

RECOMMENDATIONS FOR USE

- In construction works, Floover flooring installation should be the last step to follow, by having the area clean and without any dust.
- When you do later works, Floover floors should be protected with a plastic sheet to avoid the drop of any construction materials or painting that can damage the product.
- Once the work is finished, we recommend avoiding any entry of dirt or abrasives particles by installing a cleaning system, like doormats in the accesses.
- You should place soft pads under chairs, tables and any other furniture legs in order to avoid scratches.
- When heavy furniture is moved, you should carry it by lifting, never drag it.
- Office chair wheels should be made of polyamide. Nylon wheels can damage the surface and rubbers wheels can leave marks.

SPECIAL CARE

- The use of aggressive cleaning agents can damage the product, same as for abrasive and sharp cleaning tools.
- Floover does not recommend and neither guarantees the use of chlorine, bleach or any other cleaning products not designed for cleaning vinyl flooring.
- Avoid any contact with burning cigarettes because they can leave burns.

REGULAR CLEANING

Protect the higher risk areas and install systems like doormats on the entrances to not allow the dirt to get inside.

To keep the best appearance of your Floover floor it is important to have a daily cleaning and to not leave any stains since this can affect finally the colour or become very difficult to remove. Follow the next steps that we recommend:

- To avoid dirt and abrasive particle accumulations, we recommend a daily vacuum clean.
- For the regular cleaning, after vacuuming, use a mop and a neutral cleaning agent diluted in warm water. Floover recommends **FLOOVER CLEANER**.
- Floover products are suitable for the use of scrubbing machines with soft brushes, using warm water and diluted neutral cleaner. These kind of machines are recommended for big areas.
- Avoid the cleaning water accumulation, do not soak the floor. No need to rinse.
- You can let it dry naturally or dry the floor with a soft dry mop.



STAINS CLEANING

Even if Floover products have a very high stain resistance, when there is a stain, it should be cleaned straight away,

otherwise the long term exposure to certain chemicals may damage on a irreparably way the product surface.

- Clean the stains as soon as possible to avoid getting harder to clean. Do not wait more than 24 hours.
- When the stain is fresh, use first a dry cloth to absorb it. Using a wet cloth it can spread.
- Keep in mind that if you use an aggressive cleaner, you need to rinse straight away otherwise the floor can be damaged.
- Dry the floor and then rinse it with a dry cloth.
- Always follow the manufacturer instructions and always use recommended products.
- There are stains that can leave a shadow or mark after the cleaning, especially if you let them dry.

MAINTENANCE

RESTORATION & RENOVATION

WOVEN RENOVATION

Periodically, you need to do a deep clean to recover the initial feature of your Floover Woven. For this, follow the next steps:

- Firstly, vacuum any dust or dirt.
- Rinse and brush the floor to eliminate any accumulates adhered dust.
- Dilute Special **COMPOSITES CLEANER SYNTILOR**: 2 glasses for 2 liters of warm water
- Apply (we recommend to use a sprayer) over an area of 5 to 8m².
- Let it work for 5 to 15 min, without drying. Brush the floor, that should now appear clean.
- Rinse with water*
- Do the same for the rest of the floor, always on areas from 5 to 8m².
- If necessary, for the embedded stains, repeat the process or use the Cleaning Agent with a higher concentration (2 glasses for 1l of warm water)



Composites cleaner Syntilor

*NOTE: Take care not to create any water stagnation, especially on the Floover Woven HDF, the excess moisture can generate the swelling of the board

FURTHER INFORMATION ABOUT CLEANING AND MAINTENANCE UPON REQUEST





OTHER SOLUTIONS

Floover Woven vinyl textile Wallcovering with non-woven backing with 759g/m² weight. Manufactured in pieces of 98 cm width. Integrate collection, reference WV4019. Fire retardant, classification B-S1, d0 UV, humidity and impact resistant. Floover Wallcovering is specially designed for walls by gluing it directly to a smooth, flat, clean and dry surface. Easy to clean with a damp cloth and neutral cleaner.



WALLCOVERING

TECHNICAL DATA SHEET

Floover Wallcovering is available in 4 different supports. Collection with multiples patterns, designs and pictures to combine and match your flooring or furniture. It's possible to integrate it with floover flooring decors.



NON-WOVEN FABRIC ONE SIDE COATED, SMOOTH MATERIAL

- Composition: cellulose and synthetic fibres of polyester and viscose.
Tested for harmful substances according to Oeko-Tex Standard 100 Certification
Glass fibre, heavy metals and PVC free.

EMBORESSED COATED VINYL ON NON-WOVEN MATERIAL

- Composition: coated vinyl on non-woven.
It does not emit any harmful substances, nontoxic, not subject to emission of
heavy metals or formaldehyde.

TEXTILE MURAL WALLCOVERING NON WOVEN FABRIC COATED (SILK)

- Composition: 50% silk + 50% Fr-Trevira CS300 on non-woven material.

WOVEN VYNIL TEXTILE

- Composition: Woven Vinyl 90% PVC FR, 2% Polyester, 8% Glassfibery
1,3 mm + Polyester Backing: 100% Polyester 0,4 mm.

Characteristics	Non-woven (smooth)	Embossed coated non-woven	Silk non-woven	Woven vynil textile
Weight	200 g/m ²	350 g/m ²	300-355 g/m ²	750 g/m ²
Thickness	0,6 mm	0,8 mm	0,8 mm	1,6 mm
Roll width	98 cm	68,5 cm	137 cm	98 cm
Roll lenght	300 cm	300 cm	300 cm	300 cm
Fire Resistance	C-S1, d0 ((EN 13501-1))	self-extinguishing Class 1 approved B s2 d0 / 1(F) /1&0(UK)	B-S1, d0	B-S1, d0
Chemical Resistance	-	-	-	Class 0 (EN 423)
UV Resistance	Yes	Yes	Yes	≥ Grade 8 (ISO 105-B02)
Fungus test (ASTM G21 96)	-	-	-	Grade 1
Moisture Resistance	Yes	Yes	Yes	Yes
Antistatic, antibacterial	-	Yes	-	Yes
Shock Resistant	Yes	Yes	Yes	Yes
Crushproof	Yes	Yes	Yes	Yes
Heat Resistance	-	Yes	-	Yes
Skew and Bow (EN 427)	N/A	N/A	N/A	Max 2%

It is possible to add or delete some elements of the composition and to change the colour gradation. The designs can be rearraged into a different format from the standard one. The dimension of the single detail and the proportion of the whole design can change in the adjusting process. The printing on wallpapers could show chromatic differences both from the catalogue and the renderings on-screen.



WALLCOVERING



Wallcovering is a tailor-made and customized solution. You must measure the walls with precision, including columns and angles. and send us your order to send you a prototipe of the installation.

Choose one of the **4 supports** and decide the design from **4 different collections**:

-Contemporany design: A perfect fusion between classical and contemporary style, inspired by Nature's shapes, by strong colored Persian tiles, and by the delicate features of Japanese prints.

- Fragments of the past: This collection takes its inspiration from the great masters of the past, who are, still today, considered real trendsetters and innovators in the art world. This Designer Wallpaper takes shape from the works of Piero della Francesca, Giovanni Battista Piranesi, Albrecht Dürer and Henri Rousseau.

- Integrate: The 12 subjects of the collection used for the decoration of the walls are harmonised with the same colour, texture and style of the floors. Furthermore, the wallpapers can be enriched with graphics part of the other collections in the catalogue creating a unique, original and customised proposal.

- Wonderful Country: An homage to the most evocative corners of the Bel Paese. From the prestigious Alinari Archives in Florence, we are proud to present 26 between the most fascinating historical photographs of Italian treasures, known and loved all over the world.

It is possible to add or delete some elements of the composition and to change the colour gradation. The designs can be rearraged into a different format from the standard one.

The dimension of the single detail and the proportion of the whole design can change in the adjusting process.

The printing on wallpapers could show chromatic differences both from the catalogue and the renderings on screen.

* Exw. Italy



WALLCOVERING

INSTALLATION

Floover Wall Covering is a new application specially designed to be installed on walls, ceilings and furniture. It is produced in strips 3000 mm long and different widths depending on the chosen material (between 68 and 137 cm). It is available in 4 different supports, light, easy to handle and install and without big maintenance requirements.

BEFORE THE INSTALLATION

Once the material is received, store it without any weight above. Check and make sure that all the content comes from the same reference and the amount is the requested. In case of any problem stop immediately the installation and contact your dealer.

TOOLS

The basic tools are pencil, wallpaper smoother, utility knife, wallpaper brush, seam roller, spirit level, plumb line and soft wallpaper brushes. During the gluing phase, always have a bucket of clear water and a sponge to remove the traces of glue, to clean the roller, the cutter and the scissors or even to wash your hands.

The recommended adhesives depend on the support:

- NON-WOVEN FABRIC ONE SIDE COATED, SMOOTH MATERIAL and EMBOSSED COATED VINYL ON NON-WOVEN MATERIAL: Metylan (Henkel), Glicovil Marker (Mapei), Cl Platin (Glutolin) or similar.
- TEXTILE MURAL WALLCOVERING NON WOVEN FABRIC COATED (SILK): MT32 (Mapei) or Metylan (Henkel) or similar.
- WOVEN VYNIL TEXTILE: Adesilex VS45 (Mapei) or similar.

SURFACE PREPARATION

The surface must be dry, flat, absorbent, strong and free of rising damp, dust, loose parts and substances which may compromise bonding, such as paint, oil, etc.

Check the level of damp in the substrate, which must be according to the levels recommended by the manufacturer of the coating. The level of damp must be a maximum of 2.5% to 3% in the case of cement and concrete walls, and lower than 0.5% for gypsum-plaster.

To adapt the surface to the placement on insufficiently smooth walls is necessary a smoothing treatment. See recommended instructions by the adhesive manufacturer for each support products.

In the case of drywall it is advisable to apply a coat of primer product as Mapei Primer G or similar diluted in 1 liter per 3 liters of water; place after the wall is perfectly dry.



WALLCOVERING INSTALLATION

INSTALLATION INSTRUCTIONS

Start from one side of the wall. Mark with pencil a vertical line to place the first strip. Spread the adhesive for wallcoverings regularly on the first strip. Blend the wallpaper distribute the adhesive evenly. It is also possible to spread the adhesive directly on the wall with a wallpaper brush.

Some wallcovering adhesives are manufactured to be spreaded out on the wall with a roller or trowel (Adesilex MT32, Adesilex VS45 or Metylan Ovalit).

Place the first strip along the drawn line considering that it should be leftover material on the corners as well as on the ceiling and the floor. Press it with a wallpaper smoother or soft wallpaper brush to remove any air between the product and the wall.

When you have an outside corner, it is recommended to cover it whenever it's possible.

The strips should be applied one next to the other without overlapping. The adhesive should not protrude at the joints. Clean the excess of adhesive with a sponge while the glue is still fresh and press the joints with a seam roller. To cut the remaining material in corners, ceiling and floor use the wallpaper smoother and a utility knife.

All supports are easy to clean with a damp cloth and clean water. Textile mural and Woven vinyl textile wallcoverings can be cleaned with a damp cloth and neutral cleaner as Floover Cleaner.



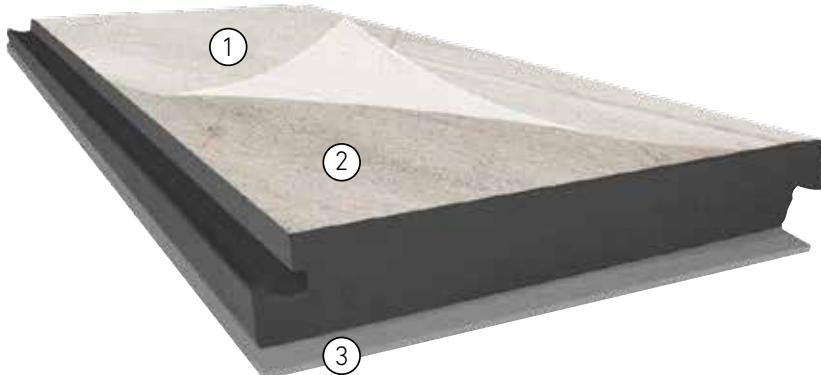
Floover Mineral flooring, size 920x460x7,5mm, reference FM7142. Swiss made, classification 23/33 with high abrasion resistance, fire resistance classification BflS1 and grade 7 of UV resistance. Floover Mineral is designed as floating flooring for dry or wet areas. It has a waterproof underlay that improves sound insulation and comfort. Before installing, allow the material to acclimatize for 48 hours in the installation area. It has a great dimensional stability that allows installing large areas without dilatation joints.



MINERAL

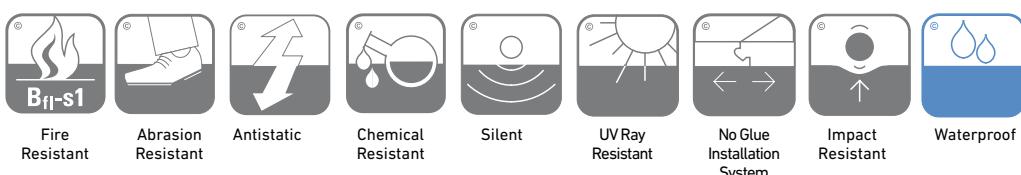
TECHNICAL DATA SHEET

Floover Mineral is the successful combination of a perfectly stable mineral core board and the optical design variety of the newest digital printing technology. Coupled with the properties of the HotCoating surface technology, Mineral is suitable for almost every area, from the living area to highly frequented commercial areas.



MICODUR® Patented technology

Characteristics	Test	Mineral
Classification	EN 685	23/33
Dimensions	EN 427	1235x200 mm (Wood) 920x460 mm (Cement /Stone)
Thickness	EN 430	7,5 mm
Weight	EN 430	12,5 kg/m ²
Abrasion Resistance	EN 14354 EN 13329	> 10.000 WR4 AC5
Chemical Resistance	EN 423	Very Good resistance
Fire Resistance	EN ISO 9239-1	Class BFLs1 (B1)
Dimensional Stability	EN 434	< 0,01 %
Impact Sound Reduction	EN ISO 717-2	ΔLw 19dB
Room Sound Improvement	IHD-W-31	35%
Thermal resistance	EN12524	ca. 0,05 m ² K/W
Residual Indentation	En 433	0,00 mm
Lightfast	ISO 105	7/8
Coefficient of friction	EN 51130	R10
Locking Strength	ISO 24334	<500 kg/lfm - kg/m
Castor Chair	EN 425	No effect
Micro scratch resistance	En 16094	MSR-A1 / MSR-B1
Stain resistance	En 438-2	Grad 5/5
Water resistance	EN317	0% Swelling
Slip resistance	En 13893	Clase DS



Mineral is the alternative to plastic or wood based flooring and always in perfect harmony with nature. The remarkable technical features are totally convincing. It is available in 5 Cement, 2 Stone and 5 Wood designs. The digital printing gives the opportunity of unlimited and personalized designs.



MINERAL

DESIGNS

Dimensions: 1235x200 mm (Wood)

920x460 mm (Cement /Stone)

Coating: Hot coating

Pattern repeat: 10 to 20



Microbevel
4 sides



FM3640
Wood White



FM3641
Wood Natural



FM3642
Wood Grey



FM3643
Wood Taupe



FM3644
Wood Brown



FM7140
Cement White



FM7141
Cement Beige



FM7142
Cement Light Grey



FM7143
Cement Dark Grey



FM7145
Cement Graphite



FM3647
Stone White



FM3652
Stone Grey

1235x200 mm

920x460 mm



MINERAL

INSTALLATION

BEFORE INSTALLATION

Floover Mineral is laid floating on a clean, dry, level, as well as tensile and pressure-resistant substrate.

The maximum permissible unevenness of the subfloor must not exceed 2 mm to 1 m length, otherwise it must be compensated with filler. Floover Mineral is also suitable for full-surface bonding with a recommended water-free adhesive from your adhesive supplier (e.g., Kleiberit 583.6 or Ardex N 23 (W)).

Before installation, Floover Mineral should be acclimatised at a room temperature of 20-22 ° C and a relative humidity of approx. 50-60%, 24 h in the closed, plain bearing package. For mineral substrates, it is not necessary to install a PE film (damp proof membrane) provided the subfloor complies with the humidity standard, i.e. max. 2,0% CM for cement subfloor and max. 0,5% CM for anhydrite subfloor.

Floover Mineral can also be installed on hot water and electric floor heating.

For application in the wet area where there is danger of standing water or flooding, it is imperative to use a so-called jointing compound (for example Henkel's "Clickguard").

The boards should be checked for their perfect condition at daylight, any defects must be claimed before the laying. Please also check that the tongues and grooves are free from chips or other particles.

LAYING

Start the laying in a corner of the room. No expansion joints are necessary.

Lay the following panels in the direct extension of the first. The remainder of the first row is used as the first panel of the second row. This cut piece should be at least 30 cm long.

For cutting the panels, a hand circular saw or laminate punch is recommended. It is also possible to cut the cutting line with a cutter knife and "buckle" the plate.

Place the panels slightly obliquely at approx. 20 ° and click on them by pressing and gently rocking. On the front, the panels are clicked by means of a tapping block by gentle beating.

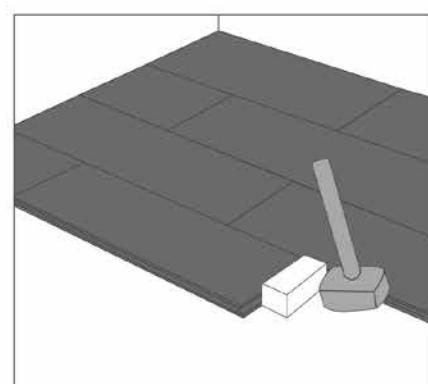
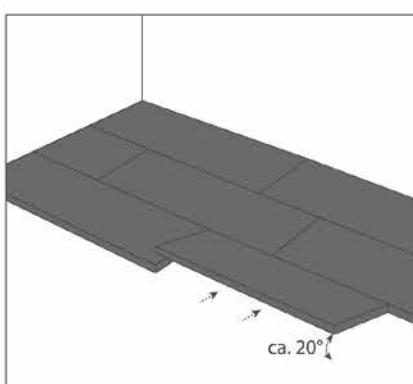
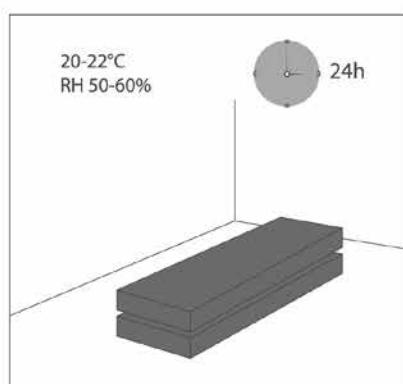
Note: When you use a tapping block (min. 20cm long) to click or put together the short side flat, not put the tapping block against the tongue. Put the tapping block against the groove or the over lip from the tongue side, otherwise you can damage the tongue.

It is also possible gluing Floover Mineral directly to the floor using water free glue as Kleiberit 583.6 or similar.

CLEANING AND CARE

The floor can be dampened but also wet cleaned, also the use of brush wet cleaning machines is possible. After the first cleaning of the freshly laid flooring, it is recommended to mop the surface.

Differences in colour and structure can occur due to the properties of the material and underline the authenticity of this natural product.



Floover Ceramic Antiskid flooring, size 1200x600x13mm, reference FC7145. Swiss made, with high breaking strange, great resistance to abrasion and stains. Floover Ceramic Antiskid is designed as floating flooring to be laid without glue thanks to its suction pad system backing that ensures the stability of the product. It should be installed on a dry and perfectly levelled subfloor. The material must stay 48 hours on the installation place before their use. The can be done directly to the wall and without expansion joints or using Cross and T spacers and then filling the gaps with epoxy grout. It is possible to replace a single piece using suckers.



CERAMIC ANTISKID

TECHNICAL DATA SHEET

Floover Ceramic is a brand new generation of ceramic tile floor with an antiskid backing that can be installed without glue.

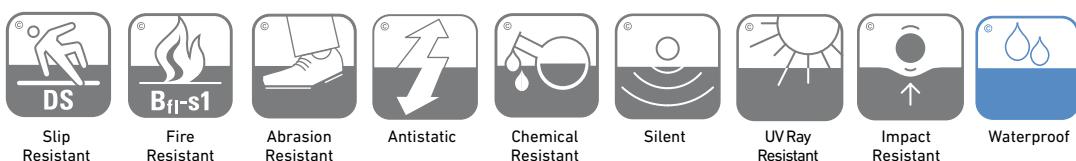


- ① Ceramic 10mm
- ② PVC layer reinforced with fiberglass 3mm
- ③ Backing PVC with micro antiskid

Easy to install. Possible to replace a single tile



Characteristics	Test	Ceramic Antiskid
Dimensions	EN 427	1200x200 mm (Wood/Marble) 1200x600 mm (Cement /Stone)
Thickness	EN 430	13 mm
Weight	EN 430	21,8 kg/m ² (Wood) 23,9 kg/m ² (Cement /Stone)
Maximum straightness deviation	ISO-10545-2	± 0,1%
Average thickness admited deviation of each tile	ISO-10545-2	± 5%
Lenght and width admited deviation of each tile	ISO-10545-2	± 0.15%
Flatness	ISO-10545-2	± 0.35%
Maximum right-angle deviation	ISO-10545-2	± 0.2%
Surface Quality	ISO-10545-2	Conforming
Amount of water absorbed	ISO-10545-3	E<0,5%
Bending strength	ISO-10545-4	<40 N/mm ²
Breaking strength (thickness >=7,5mm)	ISO-10545-4	≥1700 N
Resistance to abrasion of glazed tiles	ISO-10545-7	Class 4
Glaze crazing resistance	ISO-10545-11	Resistant
Resistance to staining	ISO-10545-14	Class 3-4
Thermal shock resistance	ISO-10545-9	Resistant
Resistance to domestic chemicals and additives for swimming pools	ISO-10545-13	GA
Resistance to low concentrations of acids and alkali	ISO-10545-13	GLA
Frost resistance	ISO-10545-12	Resistant
Barefoot slip resistance	DIN-51097	Class A (matte) Class A+B+C (bush hammered)
Slip resistance with shoes	DIN-51130:2010	R9 (matte) R10(bush hammered)
Dynamic coefficient of friction	DCOF	>0,42 wet



Floover Ceramic Antiskid is the perfect solution for flooring renovation, easy and fast. It is the first ceramic tile floor that can be installed without glue. Easy to care and replace if needed.



CERAMIC ANTISKID

DESIGNS

Dimensions: 1200X200m (Wood)
1200X600 mm (Cement /Stone)
Embossing: Mate/Bush-hammered
Pattern repeat: 10 to 20



Microbevel
4 sides

1200x200 mm



FC3640
Wood White



FC3641
Wood Natural

1200x600 mm



FC7140
Cement White



FC7141
Cement Beige



FC7142
Cement Light Grey



FC7143
Cement Dark Grey



FC7145
Cement Graphite



FC3647
Stone White



FC3652
Stone Grey

CERAMIC ANTISKID

INSTALLATION AND MAINTENANCE

BEFORE INSTALLATION

The installation area must be climate controlled for at least one week before installation, during installation, and continuously after installation. Proper conditions are between 18-29°C. This product is not suitable for installation in non-climate controlled areas such as covered decks, porches or outdoors.

Acclimate the product to the climate-controlled location's temperature for a minimum of 48 hours before starting installation. It is important that the flooring be the same temperature as the area it is installed in.

Pull planks from different cartons when installing to ensure a pleasant blending of colours. Slight colour variations are normal and expected between pieces on this kind of material.

This loose lay product is for installing in the interior of any building without adhesives, as long as the subfloor has been prepared to the standard as stated in Subfloor Conditions.

Tools Needed: Professional saw, measuring tape, pencil and suckers. If you want to have a separation between tiles you will also need cross and T spacers, spatula, epoxy grout as Mapei Kerapoxy Design or similar, pan and a sponge (Floover also supply all the essential installation tools and accessories). If using adhesive, follow adhesive supplier's instructions.

SUBFLOOR CONDITIONS

Subfloor preparation is very important for a successful installation. Roughness or unevenness of the subfloor may affect the new floor. All subfloors should be smooth and flat with a tolerance of 3 mm over 1,8 m or less. All subfloor and underlayment patching must be done with a non-shrinking, water-resistant Portland cement type patching compound.

Product can be installed over most existing hard-surface floor coverings provided the existing floor surface is smooth or can be made smooth. Existing floors must be solid. Fix any loose areas. Deeply embossed existing resilient floors require the use of an embossing leveller. Heavily cushioned vinyl flooring or vinyl flooring consisting of multiple layers are not suitable subfloors for installation.

Concrete subfloors must be dry, smooth and free from dust, solvent, paint, wax, grease, oil, asphalt sealing compounds and other extraneous materials. The surface must be hard, dense, and free from powder or flaking. The floor should have a moisture reading of less than 75% RH. New concrete slabs must be thoroughly dry, at least six weeks old and completely cured. The final responsibility for determining if the concrete is dry enough for installation of the flooring lies with the floor covering installer.

Holes, grooves, expansion joints and other depressions must be filled with a Portland cement based underlayment and troweled smooth and feathered even with the surrounding surface. Existing ceramic tile must be made smooth by applying a cementitious overlay such as patching or levelling compound. All wood and wood composite panels, including plywood, OSB, flake board and particle board are acceptable subfloors as long as they are dry, smooth, flat, structurally sound and free of deflection. Joints should be sanded if they exhibit peaking.

In metal and Painted Floors remove any loose paint or other finishes. Existing adhesive residue must be removed or encapsulated. Never scrape adhesive residue that may contain asbestos.

INSTALLATION

Before installation, make sure the subfloor is dry and dust free. It's recommended to draw a draft of the design on the support to define the place where the tiles have to be laid.

Flooring should be laid directly against walls, fixed with a bead of silicone or grout after installation completed. Open transition areas with no wall to lay against should be fixed with 10 cm wide adhesive.

Once you lay down all the uncut tiles, measure the distance from the last piece and the wall. Mark a line with a pencil on the tile that has to be cut and cut it with a professional saw.



CERAMIC ANTISKID INSTALLATION AND MAINTENANCE

INSTALLATION WITHOUT JOINTS

Make sure each plank is fit tightly to the next piece. Very light tapping to get a tight fit is fine, but take care not to compress the plank you are tapping into and prevent the edges from colliding. Use a sucker to easily move and situate the tiles on the desired place. It's also possible to replace a single tile using two suckers.



INSTALLATION WITH JOINTS

Use the cross and the T spacers to maintain always the same separation between tiles and the squareness of the laying. Use a sucker to easily move and situate the tiles on the desired place.

Once you place all the tiles, remove the spacers and use Mapei Kerapoxy Design or similar to fill the gaps with the help of a spatula making sure that the joints are filled right down to the bottom. Remove excess material by passing the edge of the same trowel diagonally over the tile joints. The tiles must be cleaned after grouting while the product is still "fresh". Wet the grouted surface and emulsify with an abrasive pad for cleaning joints. After the finishing operation, it is very important that no traces of grout remain on the surface of the tiles.



ROUTINE MAINTENANCE

Anti-slip surfaces and areas demanding high hygiene standards (kitchens, food stores, etc.) need to be cleaned more frequently, even on a daily basis. To clean Ceramic Antiskid only use warm water and mild alkaline detergents available from most retailers (products containing hydrofluoric acid and its derivatives should not be used).

We do not recommend using detergents containing wax, to avoid creating an oily coating on the surface of the slab. With particularly difficult stains, we recommend you clean the area by following the instructions in the Type of detergent according to the Type of dirt table:

Type of dirt	Type of detergent
Grease and oil, Ice Cream	Alkaline detergent
Ink, Bear, wine, coffee	Sodium hypochlorite solution (bleach) or acid detergent
Rust, limescale and cement build-up	Acid detergent
Tyre marks	Organic solvent (trichloroethylene, thinner)
Resin	Organic solvent (white spirit, thinner)
Fruit juice	Diluted sodium hypochlorite solution (bleach)
Pen marks (permanent marker)	Organic solvent (acetone, thinner)
Aluminium scratch marks	Acid detergent or abrasive detergent (cream/powder)
Other stains	Abrasive cream detergent

CERAMIC ANTISKID

On demand

ACCESORIES

PROFESSIONAL SAW SMS 125

230 V 50Hz single phase 3 HP / 2.2 kW 2

- Maximum cutting length 125 cm (49 1/4").
- Max cutting thickness: 105 mm (4 1/8") in a single pass; 160 mm (6 1/4") with a double pass.
- Maximum Disk Ø 360 mm (14"); Minimum disc Ø 300 mm (12").
- Adjustable cutting depth.
- Tilting motor assembly for bevel cuts from 0° to 45°.
- Extruded and die-cast aluminium frame.
- Pump blade cooling through multi-jet spray.
- Kit: disk sectors Ø 360 mm (14"), transport wheels, keys kits, use and maintenance manual.



PAN + SPONGE

- To eliminate the excess of sealant product in the floor of the sealing phase.
- Two 15° inclined rollers of wear-resistant bushes.
- The "Sweepex" sponge with great absorption ensures perfect cleaning.
- Kit: trowel sponge "Sweepex", grid, carrying handle, wheels Ø 80mm (Ø 3 7/8").



4 units/box

SUCKER

Sucker vacuum Raimondi

- Ensures optimal grip even on structured materials.
- Equipped with hand pump to create a vacuum and the possible loss of tightness indicator.
- Equipped with release button.
- Supplied in carrying case for transport and storage.
- Ø 150 mm.



SALES CONDITIONS Exworks Italy

CERAMIC ANTISKID

ACCESORIES

CROSS SPACERS

For laying Floover Ceramic
200 pcs kit



T SPACERS

For laying Floover Ceramic
200 pcs kit



CUTTING DISCS FOR PROFESSIONAL MACHINE AND HANDSAW

Disc for cutting Ceramic Floover for use with the professional machine wet only. ø disc: 350 mm



Disc for cutting Ceramic Floover to use with grinder both dry and wet. ø disc: 115 mm



KERAPOXY DESIGN MAPEI - GROUT FOR JOINTS

Two-component, decorative, acid resistant epoxy grout with silica sand and special components with excellent cleanability.



SALES CONDITIONS Exworks Italy

INDOOR WARRANTY

WARRANTY CONDITIONS AND COMPLAINS FOR LTV AND WOVEN SOLUTIONS

This warranty conditions are for LVT and Woven indoor solutions, except Loose Lay Antiskid.

Floover Flooring warranty applies for a period of 15 years for residential use and 10 years for commercial use, starting from the purchase date, whilst adhering to the following conditions:

Floover guarantees the following:

- Any Floover flooring will retain its dimensional stability, as it is defined on our technical data sheet.
- All flooring layers will remain glued together (with temperature under 70°C).
- For products with click, joints between clicked pieces will remain closed.
- Normal sunshine will not alter surface colours. Extreme sunlight or extremely aggressive chemicals may affect colours. Defects resulting from such factors are excluded from this warranty.
- Friction will not generate any static electricity.
- In case of Floover products to be glued, connection to the subfloor is excluded from this warranty, since it depends on glue performance and subfloor conditions.
- Differences in the colour of materials from different batches are possible and no cause of complaint.
- Warranty does not apply to defects due to inappropriate use or temperature or humidity conditions over the standard.

This warranty is valid only if:

- The product has been installed under all indications of Floover laying instructions.
- There is an adequate use recommended by Floover according to the category selected and appropriate dimensions and conditions of the room (subfloor conditions, ambient humidity, etc...).
- The product maintenance is performed periodically, according to the instructions recommended by Floover and always using appropriate cleaning products. This warranty is not valid for defects resulting from an incorrect or insufficiently frequent maintenance, from wrong methods, inappropriate cleaning products, or for cuts or marks caused by sharp tools.

Always install on subfloor materials recommended by Floover as indicated in the installation instructions text for each product. Generally:

- Base floor must be resistant, in good conditions, clean and dry.
- Moisture content of the base has to be less than 2.5% CM (cement subsoil) or less than 1.5% (anhydrite subsoil). For a subfloor heating system it has to be respectively less than 1.5% and 0.3%.
- Base floor must be levelled with a maximum difference of ± 2 mm per meter for all Floover products. Roughness or unevenness of the subfloor may appear on glued flooring.
- Click flooring shall be installed floating (without glue or anchorages); the short joints of the boards between two different lines must be offset of at least 300 mm; click flooring requires 10 mm of empty space for dilatation all over the perimeter, including structural elements and heavy furniture.
- The maximum area to install click flooring without joints depends on the chosen support and must be respected.
- In the case of underfloor water heating system, adhere to the protocol of start-up.
- In areas near to large windows or glass fronts, it is necessary to use curtains to minimize the overheating of the flooring caused by the impact of sunlight.

Complaints:

Once a complaint is submitted according to Floover's instructions, and in case the complaint is accepted, the customer will receive a replacement of the material (or similar or superior quality in case of impossibility), delivered at the same original destination.

Any installation costs, de-installing flooring, etc... are not included in the fabrication warranty.

If the complaint is addressed after 1 year of the installation of the material, an annual accumulative reduction is applied from the purchase value of

Under the following installation conditions:

ANTISKID WARRANTY

WARRANTY CONDITIONS AND COMPLAINS FOR LOOSE LAY ANTISKID

Floover Loose Lay Antiskid warranty is maintained for a period of 10 years (from purchase date) adhering to the following conditions:

This warranty is valid if:

- The product has been installed under all indications of Floover laying instructions attached inside packaging.
- The product must be maintained periodically, according to the instructions recommended by Floover. This warranty is not valid if the effects are produced by the incorrect maintenance and insufficient frequency, for methods or materials not adequate, cuts or marks caused by sharp objects.
- The warranty is subject to appropriate use or per adequate conditions of temperature or humidity, indicated in the laying Instructions text.
- Defect for over abrasion is defined if it affects an area over 10% of the total area installed.

Warranty applies for the following aspects:

- Floover Loose Lay Antiskid will retain its dimensional stability, as indicated on technical data sheet.
- Different components will remain glued, (with conditions not over 70°C) as indicated.
- The colour will be not modified by sunshine, with proper use. Obviously, extreme exposure to sun or extremely aggressive chemical products can affect the design, and will be excluded from this warranty.
- Static electricity will be not produced by slipping.

Under the following installation conditions:

- The product should be acclimated to the climate-controlled location's temperature for a minimum of 48 hours.
- Surface must be clean and dry. (no screws or glues) and free of objects.
- Base Floor levelled with a difference of 3 mm over 1,8 m as maximum.
- Sub floor material must be concrete or any other compact and resistant floor and in good conditions.
- Distance between short edges not less than 300 mm between pieces is recommended.

- Flooring should be laid directly against walls, fixed with a bead of silicone after installation completed.
- Open transition areas with no wall to lay against should be fixed with 10 cm wide adhesive.
- Each plank should fit tightly to the next piece.

Under the following conditions of use:

- Adequate use recommended by Floover according to the category selected.
- Dimensions and conditions of the room must be appropriate (sub floor conditions, ambience humidity, etc...) and in the case of under floor water heating system, adhere to the protocol of start-up.
- The maintenance must be as according to the Floover laying Instructions. For daily cleaning, a neutral cleaner should be used. Floover recommends Floover Cleaner.
- Proper conditions are between 18-27° C. This product is not suitable for installation in non-climate controlled areas such as covered decks, porches or outdoors.
- The flooring must not receive a prolonged effect of direct sunlight.

Once a complaint is submitted according to Floover instructions, and in case that the complaint is accepted, the customer will receive a replacement of the material (or similar or superior quality in case of impossibility), delivered in the same original destination.

Any installation costs, de-installing flooring, etc... are not included in the fabrication warranty.

If the Complaint is produced after 1 year of the installation of the material, an annual accumulative reduction is applied from the purchase value of -4% per year.

OUTDOOR WARRANTY

WARRANTY CONDITIONS AND COMPLAINTS

Floover Flooring warranty is maintained for a period of indicated years (from purchase date) adhering to the following conditions:

This warranty is valid if:

- The product has been installed under all indications of Floover laying instructions which appear on the back of the packaging.
- The product must be maintained periodically, according to the instructions recommended by Floover.
- This warranty is not valid if the effects are produced by the incorrect maintenance and insufficient frequency, for methods or materials not adequate, cuts or marks caused by sharp objects.
- The warranty is subject to appropriate use or per adequate conditions of temperature or humidity, indicated in the laying Instructions text.
- Defect for over abrasion is defined if it affects an area over 10% of the total area installed.

Warranty applies for the following aspects:

- UV Resistance: According to European norm ISO 105 Floover Woven Surface establish a warranty of 6 years with a very little decolouration of the original colours of the product, only visible in comparison with a new product not exposed to UV.
- Woven Wrapping: According to European Norm EN 431 (according EN649) Floover Woven establish a warranty of 10 years for the wrapping of woven and Wood base, with normal transit of persons and in normal exterior conditions (workable range from -25° to +135°).
- Stability of Thermotreated pine is fully warranty for 10 years under normal outdoor conditions under European Norm EN 310.
- Origin of Wood is PEFC certified which warranty the sustainability of the Wood origin.

Under the following installation conditions:

TILES

- Place the first tile in a corner of the area to be covered.
- Click the male joints of the next tile into the female joints.
- There are two possible installation systems: linear and checkerboard.

DECKING

- Beams must be applied adequately distance 400 mm from centers for normal use, and 250 mm for heavy use.
- Beams must be properly firmed on the base, by screws, glues or any other fixing system.
- Material must be conditioned before the installation.
- Subfloor material must be concrete or any other compact and resistant floor.
- The support must have a slope of between 2% and 5% in order to evacuate water to the drainage points.
- Distance between joints not less than 300 mm between pieces is recommended.
- Joints must be fixed over the beams and fixed with the clip in both sides.
- 3 mm of space for dilatations between pieces are needed.

Under the following conditions of use:

- Adequate general use recommended by Floover.
- Use of adequate cleaners. For regular cleaning, Floover recommends Floover Cleaner.
- For an intensive cleaning Floover recommends Syntilor Cleaner special for Composite Decks.

Once a complaint is submitted according to Floover instructions, and in case that the Complaint is Accepted, the customer will receive a replacement of the material (or similar or superior quality in case of impossibility), delivered in the same original destination.

Any installation costs, de-installing flooring, etc... are not included in the manufacturer warranty.

If the Complaint is produced after 1 year of the installation of the material, an annual accumulative reduction is applied from the purchase value of -10% per year.

FAQ

FREQUENTLY ASKED QUESTIONS

WHICH ARE THE MAIN APPLICATIONS FOR FLOORER?

Main applications are offices, hotel rooms and corridors, VIP rooms and common areas, gyms and bathrooms, retail stores and exhibition points. It is also commonly applied in walls and furniture covers.. Always used in indoor applications. For outdoor applications, please see Floover Decking

IS FLOORER A RESIDENTIAL OR COMMERCIAL PRODUCT?

Floover is a professional floorcovering for commercial areas where all technical properties of the material correspond to this use. Of course this is also appropriate for residential use.

IS IT SUITABLE FOR SUBFLOOR HEATING SYSTEM?

Yes, it is. Just need to follow the procedures on the installations instruction. Also good heat transmission ratio for environmental and efficiency aspect has been prove according CE standards.

IS FLOORER SUITABLE FOR CHILDREN AREAS?

Yes, it is. Floover is also used in kindergartens, playgrounds and game rooms. Its core structure is soft and smooth.

IS IT SUITABLE FOR HOSPITALS?

Yes it is. It is used in treatment rooms, corridors, guest rooms, cafeterias and other public areas. Note: Floover Woven range is not recommended in surgery rooms

IS IT SUITABLE FOR HIGH TRAFFIC-AREAS?

Yes, it is. Floover products are mainly classified Class 33, suitable for heavy traffic due to the special yarn construction. Floover Original collection is classified as Class 32, which is recommended for housing, but the rest of the products are Class 33 specially recommended for high traffic areas, such as shops, open-plan offices and public halls.

DOES IT SOUND WHEN WALKING ON THEM?

Impact sound insulation varies for different products from 12dB to 22 dB, depending on the product construction and sub-floor installation.

IS IT SUITABLE FOR CHAIR CASTORS?

Yes, use chairs with hard castors whenever possible (polyamide).

IS FLOORER FLOORING ANTI-STATIC?

Floover flooring does not generate a static charge because of the construction of the multi-layer. Floover flooring products have been tested and fulfils the requirements of the European Directive ISO1815.

WHAT ARE THE DIFFERENT INSTALLATIONS SYSTEMS FOR?

Floover products on click system are suitable for medium and small areas, where the floor is not perfectly flat and floating system is accepted. They can be produced on HDF boards to be used when there is no humidity risk, or in waterproof boards (Splash) and these are used in bigger areas ($>200m^2$ up to $400m^2$) where joints are not required.

Floover rolls are the perfect application for professionals when required for bigger areas – glue down system and welding joints are needed.

Floover tiles is the easiest solution when it comes to glue-down system.

Floover Hortus is specially designed for outdoor spaces.

DOES FLOORER FLOORING NEED ANY PARTICULAR MAINTENANCE?

Floover flooring systems can be easily cleaned with water and soap. We strongly recommend using Floover Cleaner, or in any case a specific vinyl cleaner.

Floover floors can be restored periodically with an intensive or heavy cleaner product and would look as good as new. See our maintenance guide" for more details. You can also watch our tutorials on Floover Flooring Channel in Youtube (www.youtube.com/flooverflooring)

IS IT POSSIBLE TO CUSTOMIZE A FLOORING SOLUTION IN COLOUR OR DESIGN?

Yes, it is. Check specific requirements in quantities.

DOES FLOORER PROVIDE A SKIRTING SYSTEM?

Yes, we do. Floover supplies traditional skirting but also waterproof skirting, stair nose, transition and dilatation joints for all the colours available in Floover range.

DOES FLOORER HAVE GREEN CERTIFICATES?

All Floover products are "Ü Zeichen" certificated for their extremely low emissions. All our products hold a high class rating certificate based on different criteria. The product also holds CE for health and fire concerns, as well as ASTM tests. Floover presents all its vinyl collections with a technology evolution that allows us to improve the emisions performance by eliminating completely any phthalate emision from its products, making them the safest for your children.

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