



Inspired by the beauty of wood.

**ULTRA LOW  
MAINTENANCE**

**RETAINS WOOD-LIKE  
APPEARANCE**

**25-YEAR eON®  
WARRANTY**

**Decking Pro Catalog**



## Maintain your peace of mind, not your backyard.

Your outdoor living space is your sanctuary. It's that part of the world where the stresses of the day just melt away. Eon beautiful collection of premium resin decking and railing products are designed to deliver the ultimate in low maintenance outdoor living.

Put your mind at ease. Unlike wood, and composites, Eon's is a premium, highly engineered polymer product, so it won't rot, stain or fade, and won't suffer damage from mold, mildew or insects. All Eon products are backed by a 25-year limited warranty and feature industry-leading fading and

weathering performance. Rest assured, your Eon products will maintain their warm, natural wood-like tones for years to come.

So don't settle for the hassles of annual upkeep. Eon features the natural beauty, durability and flexibility to help you create the outdoor living space of your dreams.



*NATURAL BEAUTY that lasts*

## Why EON® Decking & Railing?

### Beautiful

To enhance the beauty of your outdoor space, Eon Ultra decking and railing is available in three rich wood tones and deep wood grain embossing. Further customize your deck with Eon railing.

### Enduring and Environmentally Friendly

Eon's natural beauty outperforms both wood and composites over time, and requires virtually no maintenance. Eon won't rot, warp or mold and never needs sanding, painting or staining. All Eon products are backed by a 25-year limited warranty. And at the end of its long, long life, Eon is also 100% recyclable.

### Easy to Install

Eon cuts and drills just like wood, and doesn't require any special tools. For added safety and attractiveness, Eon features hidden clip system that provides an unblemished fastener-free surface.



## Make your deck your own

Eon's premium railing system allows you to transform your deck into an outdoor living space that perfectly reflects your taste. Choose Eon Traditional rail for a coordinated all-Eon look, or customize your Eon railing with your own balusters for elegant and innovative appeal. Eon railing is pre-cut for ease of installation and available in six foot kits.

Finally, add a layer of polish to your deck project with Eon accessories. Just like wood, Eon Trim Boards and Cladding can be used to cover and accent the edges of your deck to create a professionally finished appearance.

## EON® Ultra decking and Accessories

Choose your decking color and board length. Eon is available in 12' and 16' lengths. Eon Ultra Decking is offered in 3 colours Cedar, Chestnut or Grey.



## EON® Ultra Clip Fasteners

Ultra Clips are fastened at either 12" or 16" on center and create a 1/4" space between the boards. Available in bags of 100 and includes 100 plated steel screws. 1 bag will cover 50 sq. ft .



## Railing Kits

Choose color of Railing Kits. Posts Sleeves and Caps are sold separately. Eon Railing and stair kits are available in 6' sections, installing at 42" height.



Traditional  
(Square Eon Balusters)



## Post Sleeve Kits

Choose matching Post Sleeve and Collar. Post Sleeves are required to cover structural 4 x 4 posts. Post Base Collar, Cap Adapter and cap included.



Eon Chestnut



Eon Cedar



Eon Coastal Grey



Copper

Included with  
Cedar and Chestnut



Copper

Included with  
Grey

## EON® Finishing Accessories

Choose colour matched finishing accessories to complete your deck.



**12' x 12" Fascia Cladding:**  
Used for raised decks to cover any exposed treated lumber or as the riser in a stair application. Available in 12' lengths. Cladding is installed under a Bullnose or L Trim.



**Bullnose Trim Board:**  
Used in picture-framing or stair tread applications. Available in 12' lengths.



**12" Cladding Hangers:**  
Hangers are used to mount Fascia Cladding and allow it to expand and contract freely. Use one Hanger Kit per 12' Cladding (one Hanger every 3').



**L Trim:**  
The L Trim is used as a trim piece to conceal deck board contraction and provide a symmetrical finish at the edge of the deck. Like the Bullnose, the L Trim is designed to accommodate Fascia Cladding. Available in 12' lengths.



# EON® Decking & Railing Installation Overview

Please refer to the EON® Installation Guide ([www.eonoutdoor.com](http://www.eonoutdoor.com)) for full instructions.

## Tools and Hardware

Standard woodworking tools are recommended for working with the Eon decking system: Miter saw (use a coarse blade with carbide teeth), electric drill, measuring tape, pencil and square. Additional hardware required are 2" deck screws used for toe screwing, and to install L-Trim, cladding and bullnose.

## Substructure

Eon suggests a conventional pressure-treated substructure with 12" on center joist installation (straight application). Eon is ICC-ES approved for 16" on center installation in the USA. Eon is CCMC approved for 12" on center installation in Canada. Support joists should be installed 10" on center for angled decking. Stair stringers should also be installed every 12" on center. To support the Eon railing system, 4 x 4 wood posts must be used and bolted to the substructure.

## Storage & Handling

Do not drag decking against abrasive surfaces  
Store with the face side up.

## Measurements for Clip Placement

Ultra Clip Placement:

Deck Board = 5.5", Ultra Clip = 0.25"

Deck Board/Ultra Clip combined = 5.75"

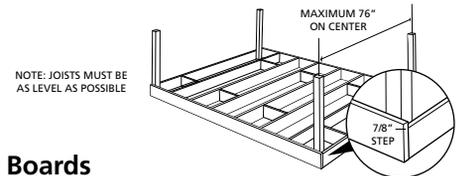
(To calculate approximately how many Deck Boards you will need, divide the width of your deck (in inches) by 5.75)

## Understanding Expansion/Contraction

In cold climate regions, gapping due to contraction of plastic will occur during colder temperatures. Like other alternative decking products, Eon will expand and contract, but only lengthwise. This can be compensated for by using Breaker Boards or other methods covered in the Eon Installation Guide.

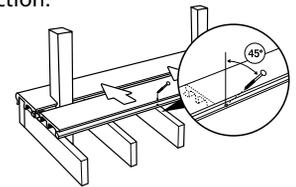
## 1 Create Substructure

- Read Eon Installation Guide (download at [www.eonoutdoor.com](http://www.eonoutdoor.com))
- Build wood substructure 12" on center and install wood 4 x 4 posts for railings.



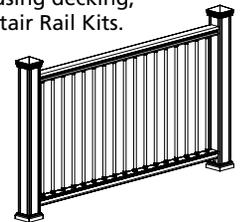
## 2 Install Boards

- Install Bullnose Trim Boards on outside edges and Breaker Boards as needed.
- Install Deck Boards with Ultra Clip fasteners, leaving proper gapping for expansion/contraction.
- Toe screw each board at the approximate centrepoint of the board to allow for equal expansion and contraction.



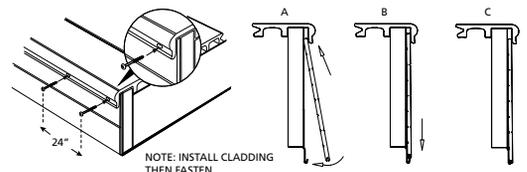
## 3 Install Railings and Stairs

- Install stairs and stair rails using decking, Bullnose Trim Boards and Stair Rail Kits.



## 4 Finish with Cladding

- Cover exposed joist with Fascia Cladding.



## eON® Contractor Tips

*Always consult the latest Installation Guide, available from [www.eonoutdoor.com](http://www.eonoutdoor.com) or 1-866-DIAL-EON for a detailed description of installation procedures.*

- Ensure the substructure is pressure treated wood.
- Eon is ICC-ES approved for 16" on center installation. In the USA, Eon is CCMC approved for 12" on center installation in Canada. Install Eon at 12" on center for enhanced performance and highest customer satisfaction.
- Partially remove the protective pre-mask (if applicable) to inspect color and potential defects prior to installation. Completely remove the pre-mask after installation to avoid adhesive transfer to the Boards.
- Toe-screw each board through the lower lip of the Deck Board into the joist at the center point to divide expansion and contraction evenly to both ends.
- Use a Breaker Board (another Eon Deck Board running perpendicular to the other Boards) to prevent large gaps in-between Boards that butt end to end. If you install Boards end-to-end you must double the expansion and contraction calculated for that joint. Consult the Installation Manual at [www.eonoutdoor.com](http://www.eonoutdoor.com) to calculate expansion and contraction allowances. Be sure to double up on joists when butting boards end-to-end or when using a Breaker Board.
- When using the Bullnose Board in picture-framing or stair-tread applications you must remember to build up your rim joist or riser by 7/8" to support the Bullnose.
- When using Bullnose, L Trim or Fascia Cladding accessories, be sure to slot holes to allow for expansion and contraction.

- Cut Eon quickly using a mitre saw with a carbide blade to prevent melting. Cooking spray can be used to avoid gumming up the blade. Making all cuts at the same time of day and storing in the same place/temperature will ensure uniform lengths upon installation.
- When installing the railing system at less than six feet, cut down the railing evenly from each side to ensure proper baluster spacing.





**eON<sup>®</sup> offers 25-Year  
Limited Warranty**  
**For Full Warranty Details  
Please visit our website  
[www.eonoutdoor.com](http://www.eonoutdoor.com)**



To complement your outdoor living space, Eon offers a beautiful collection of decking, railing and outdoor furniture. For more information on our collection, please visit [www.eonoutdoor.com](http://www.eonoutdoor.com)