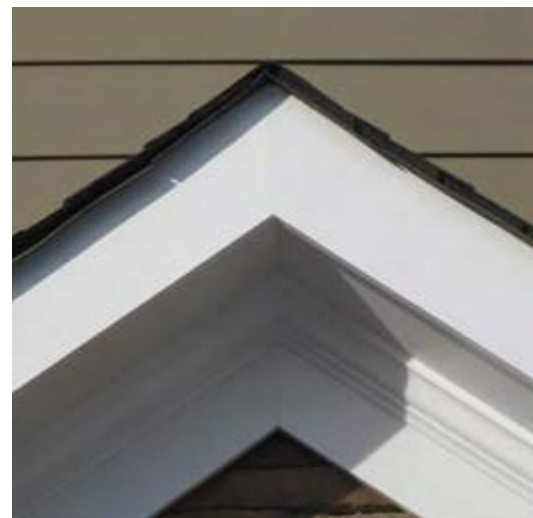


Build something great™



Boral TruExterior® Trim

PRODUCT & INSTALLATION GUIDE



About Boral®

Boral Bricks



Boral Roofing



Cultured Stone® by Boral®



Boral TruExterior® Trim



Boral Limited

Boral is an international building and construction materials group, headquartered in Sydney, Australia. With annual sales over \$5.0 billion, Boral has roughly 14,000 employees working across over 580 operating sites. Boral produces and distributes a broad range of Construction Materials including quarry products, cement, fly ash, pre-mix concrete and asphalt; and Building Products including clay brick, clay and concrete roof tiles, masonry products, plasterboard, windows and timber. Boral serves customers in the building and construction industries in three key geographical markets - Australia, the USA and Asia.

Boral USA

Headquartered in Roswell, Georgia, Boral USA has been in operation for more than 30 years—with a focus on being a leading manufacturer and supplier of building products and construction materials.

- Boral USA currently holds a variety of leadership positions in the building products and construction materials markets.
- The company is active in categories that show long-term growth opportunities.
- Boral USA is a leading manufacturer and marketer of:

Boral Bricks – #1 brand of clay brick

Boral Roofing – Largest manufacturer of clay & concrete roof tiles in the U.S.

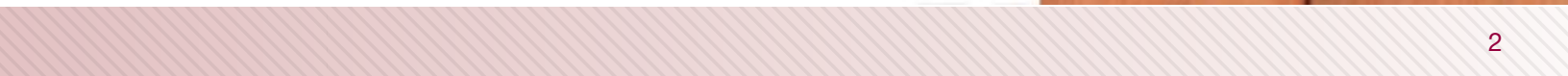
Cultured Stone® by Boral® – #1 brand of manufactured stone veneer

Boral Material Technologies – A leading marketer of fly-ash

Boral Composites - Producer of Boral TruExterior® Trim and other innovative poly-ash products



Boral TruExterior® Trim has created an entirely new category of exterior trim, bringing new levels of performance, features, and benefits. It truly is like no other.



A New Category of Exterior Trim

A New Category of Exterior Trim

- The first and only Poly-ash trim product, consisting of a blend of proprietary polymers and coal combustion products (ash).
- Poly-ash composition provides consistency throughout the material with virtually no moisture cycling⁺ or expansion and contraction⁺.
- Developed with years of rigorous internal and 3rd party testing, proven with thousands of installations.
- Composed of more than 70% recycled materials.
- Boral TruExterior[®] Trim is a product you can trust to provide exceptional performance, superior workability and a lasting appearance for exterior applications.

An Excellent Exterior Trim Alternative

Like Wood, Boral TruExterior[®] Trim...

- is easy to handle (similar weight)
- is reversible with an authentic wood grain and smooth side
- is easy to cut, rout, drill and fasten
- can be installed with the same tools

Unlike Wood, Boral TruExterior[®] Trim...

- is a low maintenance product
- has exceptional durability
- is resistant to rotting, cracking, splitting from moisture and virtually free from termites⁺
- offers excellent workability

Unlike most other trim products, Boral TruExterior[®] Trim...

- maintains a high level of dimensional stability during periods of moisture and temperature change⁺
- is suitable for ground contact
- does not require end-sealing, special adhesives or other cumbersome and costly installation techniques
- can be painted any color
- contains one of the highest levels of recycled content



⁺Please see Boral TruExterior[®] Trim Limited Warranty and Product Data Sheets for proprietary test results located at www.BoralTruExterior.com

Like No Other

Boral TruExterior® Trim satisfies the exterior trim customer's need for a product that is:

- **Easy to install**
- **Long-lasting, withstanding nature's elements**
- **Competitively priced compared to other products in the marketplace**

Superior Workability

Boral TruExterior® Trim is creating an entirely new category of reliable exterior trim that offers phenomenal performance, remarkable workability, and a lasting look without the limitations that plague other exterior trim products. Plus it can be installed using proven woodworking tools and methods.

Applications

Designed to be used in non-structural applications, Boral TruExterior® Trim is suited for ground contact, which makes it ideal for exterior trim applications such as:

- **Corners**
- **Soffits**
- **Fascia**
- **Batten strips**
- **Frieze boards**
- **Rake boards**
- **Garage door casings**
- **Window surrounds**
- **Door trim**
- **Other non-structural exterior trim applications**



Boral TruExterior® Beadboard



Boral TruExterior® Beadboard

Complimenting the 1x and 5/4 profiles, Boral TruExterior® Beadboard offers the traditional look of wood beadboard without the problems that plague wood products, such as rotting, cupping and twisting. Boral TruExterior® Beadboard can be installed in either parallel, perpendicular, or diagonal directions. And its high level of dimensional stability[†] allows fastening up to 24" on center without the need for additional support backing.

Boral TruExterior® Beadboard is designed for non-structural applications and is ideal for soffits, porch ceilings, decorative wall applications and other moisture-prone areas.



Boral TruExterior® Beadboard Facts

- Maintains high level of dimensional stability[†]
- No need to prime end or field cuts
- Easily accepts paint of any color
- Reversible edge & center bead and V-groove profiles
- Workability exceeds wood beadboard
- Resists rot and termite attacks[†]
- Installs with standard woodworking tools and methods
- No cracking or splitting from moisture
- Accepts a wide variety of fasteners
- Spans up to 24" on center and can be ran parallel to the house for soffit applications
- Made in the USA
- 20-year limited warranty



[†]Please see Boral TruExterior® Trim Limited Warranty and Product Data Sheets for proprietary test results located at www.BoralTruExterior.com

Boral TruExterior® Trim

Available Sizes

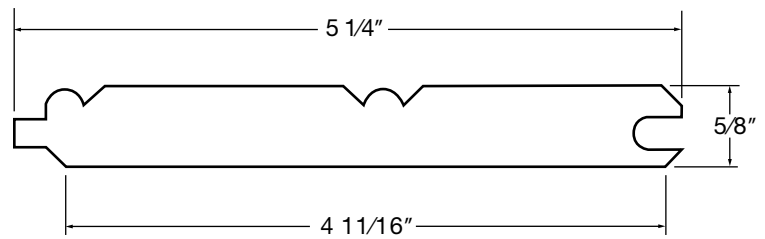
Boral TruExterior® Trim is reversible with wood grain on one side and a smooth finish on the reverse. It comes in 16' lengths and is available in both 4/4 and 5/4 thicknesses (3/4" and 1" actual, respectively).

4/4 Nominal Thickness <i>nominal size</i>	3/4" Actual Thickness <i>actual size</i>	5/4 Nominal Thickness <i>nominal size</i>	1" Actual Thickness <i>actual size</i>	2" Nominal Thickness <i>nominal size</i>	1 1/2" Actual Thickness <i>actual size</i>
1 x 4	3/4" x 3 1/2"	5/4 x 4	1" x 3 1/2"	2 x 4	1 1/2" x 3 1/2"
1 x 5*	3/4" x 4 1/2"	-	-	-	-
1 x 6	3/4" x 5 1/2"	5/4 x 6	1" x 5 1/2"	2 x 6	1 1/2" x 5 1/2"
1 x 8	3/4" x 7 1/4"	5/4 x 8	1" x 7 1/4"	2 x 8	1 1/2" x 7 1/4"
1 x 10	3/4" x 9 1/4"	5/4 x 10	1" x 9 1/4"	2 x 10	1 1/2" x 9 1/4"
1 x 12	3/4" x 11 1/4"	5/4 x 12	1" x 11 1/4"	2 x 12	1 1/2" x 11 1/4"

*Subject to regional availability.

Beadboard Product Dimensions

Nominal Dimensions	Actual Dimensions
5/8 x 6 x 16	5/8" x 5 1/4" x 16'



The Exterior Trim Landscape

Boral TruExterior® Trim compared to Other Trim Options

	BORAL TRUEXTERNAL® TRIM	WOOD TRIM	CELLULAR PVC TRIM	FIBER CEMENT TRIM	ENGINEERED/ COMPOSITE TRIM
No Special Tools Required	•	•	•		•
Easily Routed	•	•	•	✓	✓
Consistent Density	•		✓	•	
Fasten Close to Edge of Product	•		•		
Readily Accepts Wide Variety of Fasteners	•	✓	✓		
No Special Paint Needed For Light or Dark Colors	•	•		•	•
No Additional Safety Precautions Needed While Cutting	•	•	•		•
Installs the Same Way at All Temperatures	•	•		•	•
No Need to Prime End or Field Cuts	•		•		
No Need for Adhesives to Limit Movement	•	•		•	•
Dimensionally Stable After Installation ⁺	•	✓		•	
Suitable for Ground and Masonry Contact	•		•		
No Cracking or Splitting from Moisture ⁺	•		•	✓	✓
Resistant to Fungal Decay ⁺	•		•		
Over 70% Recycled Content ⁺	•				
Made in the USA	•	✓	✓	✓	✓

● All in Category ✓ Some in Category

⁺Please see Boral TruExterior® Trim Limited Warranty and Product Data Sheets for proprietary test results located at www.BoralTruExterior.com

The Sustainable Solution

In the U.S., Boral continues the company's mission of being a leader in sustainability by engaging in such areas as alternative fuel sources and waste water management systems.



- Boral is committed to global environmental stewardship, which is reflected in Boral TruExterior® Trim – the first and only exterior trim product to be awarded a Cradle to Cradle certification (C2C). C2C is a multi-attribute, eco-label that assesses a product's safety to humans, environment and design for future life cycles. Within the terms of the certification program, this means pursuing the following ideals:
 - Using material that is safe for human health and the environment
 - Designing products and systems for material recovery and reutilization, such as recycling or composting
 - Using renewable energy
 - Efficiently using water and realizing maximum water quality associated with production
 - Instituting strategies for social responsibility

For more information on Cradle to Cradle Certification, please visit www.C2Ccertified.com

Cradle to Cradle Certified™ is a certification licensed by the Cradle to Cradle Products Innovation Institute.



- Boral TruExterior® Trim boasts the highest recycled content among all exterior trim products with a SCS Global Certified minimum 70% recycled content. The SCS Recycled Content certification is designed to help manufacturers make credible claims about their products by increasing the use of recycled materials which reduces solid waste and natural resource consumption. All claims are certified in accordance with U.S. Federal Trade Commission's Guides for the Use of Environmental Marketing.

For more information on SCS Global, please visit www.SCSglobalservices.com



- Coal Combustion products are endorsed by the U.S. Green Building Council for use in construction materials.

For more information on the U.S. Green Building Council, please visit www.USGBC.org

- Boral TruExterior® Trim is produced in a state of the art LEED Silver Certified facility in East Spencer, NC.



Warranty

This express Limited Product Warranty (“Warranty”) covers performance of trim product (“Trim Product”) manufactured by Boral Composites Inc. (“BCI”). This Warranty extends only to the original owner of the structure in which the Trim Product is installed (“Qualified Owner”).

BCI warrants to the Qualified Owner that each Trim Product will be free from manufacturing defects such that the Trim Product: 1) will not decay due to rot; 2) will not excessively swell from moisture; and 3) will resist termite damage in each case to the extent such properties are proven in the tests set forth in the Boral TruExterior® Trim Product Data Sheet, as amended from time to time, which is located at the www.BoralTruExterior.com website. The duration of this Warranty is twenty (20) years from the date the Trim Products were originally purchased from an approved BCI vendor. This warranty is conditioned on and subject to the additional terms and conditions set forth below.

To make a Warranty claim, the Qualified Owner must: (1) notify BCI in writing within ninety (90) days after the facts on which the claim is based become known, (2) provide BCI an opportunity to investigate and approve the claim, and (3) provide BCI an opportunity to inspect and test the Trim Product, its installation, and the environment in which it was used prior to removal by the original purchaser. Warranty claims must be made during the duration of the Warranty. Failure to comply with these notice and inspection provisions shall void this Warranty.

If BCI finds that any of your Trim Product does not meet the Warranty set forth herein, after inspecting and testing the Trim Product, BCI will furnish at its sole option new Trim Product, free of charge, to replace each defective area of Trim Product or refund the purchase price of the defective Trim Product. These remedies are the Qualified Owner’s exclusive remedies for breach of warranty. BCI shall not be responsible for labor costs and shall not be liable for any other losses or damages.

Specific Exclusions: This Warranty does not cover (a) damage to the Trim Product caused during installation; (b) Trim Product not installed in accordance with appropriate local building codes and acceptable trade practices in that specified area; (c) damage caused due to failure to follow painting guidelines provided by BCI; (d) intentional or unintentional misuse of or damage to the Trim Product; (e) damage to Trim Product or structure caused by impact of foreign objects, earthquakes, fire, flood, lightning, ice, tornado, hurricane, windstorm, or any other Acts of God; (f) movement, settlement, distortion, warping or cracking of the Trim Product’s structural supports or accessories used in connection therewith; (g) physical abuse, vandalism, riot, insurrection, improper maintenance, use of incompatible accessories; (h) color fading, color changes or variations of

the color hue or physical deterioration of the color for any reasons including, but not limited to pollution, mold, mildew, acid rain, weathering, oxidation, air pollutants, or application of harmful chemicals or vapors to the Trim Product. This Warranty also does not cover trim manufactured by others, accessory materials, or installation labor provided by others.

This is the entire Warranty between BCI and the Qualified Owner with respect to Trim Product. This Warranty supercedes all prior and contemporaneous agreements, representations, or understandings, whether oral or written, relating to Trim Products. Statements contained in BCI’s advertising materials do not constitute a warranty. THIS WARRANTY IS THE SOLE WARRANTY GIVEN BY BCI WITH RESPECT TO THE TRIM PRODUCTS. BCI DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. IF YOU LIVE IN A STATE WHERE THE DISCLAIMER OF IMPLIED WARRANTIES IS NOT ALLOWED, THEN THE DURATION OF ANY IMPLIED WARRANTY IS HEREBY LIMITED TO THE DURATION OF THE EXPRESS WARRANTIES. OTHERWISE, THIS WARRANTY IS THE QUALIFIED OWNER’S SOLE AND EXCLUSIVE REMEDY.

BCI reserves the right, in its sole discretion, to modify or withdraw this Warranty, in which event this Warranty will not be applicable to any purchases of Trim Products that occur after the date of modification or withdrawal.

BCI shall in no event be liable under any circumstances for incidental, punitive, consequential, exemplary or other damages, or for any damages to any structure or its contents or its occupants, whether any such claim is based upon theories of contract, warranty, negligence, tort, strict liability or otherwise. This express Warranty excludes all costs of labor, installation, reinstallation, freight, taxes or any other charge related to defective Trim Product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.

This Warranty gives the Qualified Owner specific legal rights, and the Qualified Owner may have other rights which may vary from state to state.

For further information concerning this Warranty or to report claims, contact:

Boral Composites Inc.
Attention: Director of Sales and Marketing
200 Mansell Court East, Suite 305
Roswell, Georgia 30076

Installation Guidelines

The following information offers typical installation techniques when working with Boral TruExterior® Trim. This product should never be used in structural or load bearing applications. These directions are guidelines. As with installing any building material, care should be taken to adhere to local code requirements and construction best practices to ensure installation is adequate for each specific application.

Storage and Handling

Boral TruExterior® Trim should be stored on a flat, level surface. Pallets are shipped from the manufacturing facility in a protective covering and each board has a factory applied primer, so care should be taken to keep the board covered and free of dirt and debris. If the board gets dirty, make sure to clean and dry it prior to painting.

Working With Boral TruExterior® Trim

This product is an excellent replacement for wood trim and can be installed using proven woodworking tools and methods. For ease of use, consider the following before working:

- **Cutting** – Boral TruExterior® Trim can be cut using standard saw blades. However, for longer tool life carbide tipped blades are recommended.
- **Routing & Drilling** – Boral TruExterior® Trim can be drilled and routed using standard woodworking tools, but a carbide tipped router and drill bits are recommended.
- **Fastening**
 - Use fasteners designed for exterior trim and siding
 - Use 2 fasteners per every framing member and 3 fasteners for all 12" wide boards.
 - Fasteners should be installed every 24" OC or less. For best results, place fasteners within 2" of the edge of each board.

For 2x applications:

- Use a fastener that is long enough to penetrate a solid wood substrate a minimum of 1 1/2"
- Fasteners should penetrate a framing member. Sheathing alone may not provide adequate support or holding power.
- **Safety** – In working with any product that may cause airborne debris such as nuisance dust, be sure to take proper measures to protect against eye and inhalation hazards.

Standard nail guns and screws can be used to install Boral TruExterior® Trim as it takes a variety of fasteners with ease and does not mushroom at the screw head nor require pre-drilling.

Boral TruExterior® Trim is a non-structural building material and should never be used in load-bearing or structural applications. Fasteners should be installed every 24" OC or less. For best results, be sure to place fasteners within 2" of the end of every board. Proper care should be taken to understand the desired application and ensure that proper framing and fasteners are adequate for the installation.

Expansion and Contraction – Boral TruExterior® Trim is very stable* during periods of temperature and moisture change; no special precautions are necessary to control or limit movement.

Use at Grade – Since Boral TruExterior® Trim is virtually impervious to water absorption, termite attacks and won't rot*, it is approved for ground contact.

Nail Holes and Repair – Filling nail and screw holes or repairing any minor damage caused by handling may be done using high-grade acrylic caulk or wood fillers.

Painting Boral TruExterior® Trim is a requirement, and failure to do so will void the warranty. As in preparing for any painting project, be sure the surface of the product is free of dirt, debris or other contaminants prior to paint application. Boral TruExterior® Trim can be painted using any high grade exterior paint. Make sure to follow the paint manufacturer's application recommendations.

More information can be found in Boral's technical bulletin for paint or in the product warranty. Both documents can be found at www.BoralTruExterior.com.

Boral TruExterior® Trim may be painted any color without special precaution as the product is not prone to excessive movement due to heat buildup.*

Boral TruExterior® Trim is virtually impervious to moisture*, so there is no need to prime or paint end-cuts or field-cut edges.

Moisture cycling is a primary cause for paint failure on wood products. Since Boral TruExterior® Trim is resistant to this moisture cycling*; paint will perform better.

*Please see the Boral TruExterior® Trim Product Data Sheet at www.BoralTruExterior.com for property test results.



Download a QR
Code reader app for
your smartphone,
then take a photo to
visit our website



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**BRICKS
STONE
TRIM
ROOFING**

