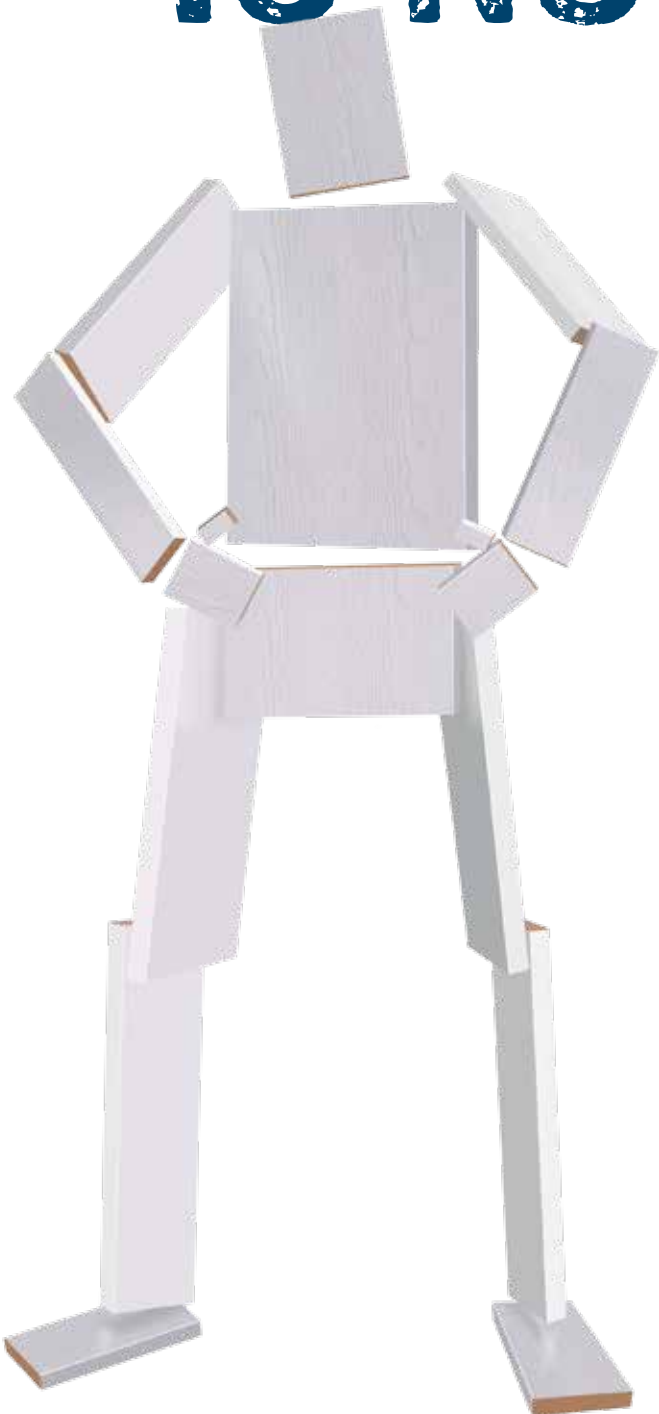


SUPERIOR PERFORMANCE IS NO FLUKE.



MiraTEC Treated Exterior Composite Trim

Thickness 5/8" actual, 4/4 (3/4" actual), 5/4 (1" actual) and 1-1/4" Smooth

Length 16'

Width 3", 4", 5", 6", 8", 10", 12", 16" and 2" batten
1-1/4" Smooth available 4", 6", and 8"

Surface Reversible: woodgrain texture on one side, smooth surface on the other

MIRATEC®
by JELD-WEN

BORN TO BE BADDEST



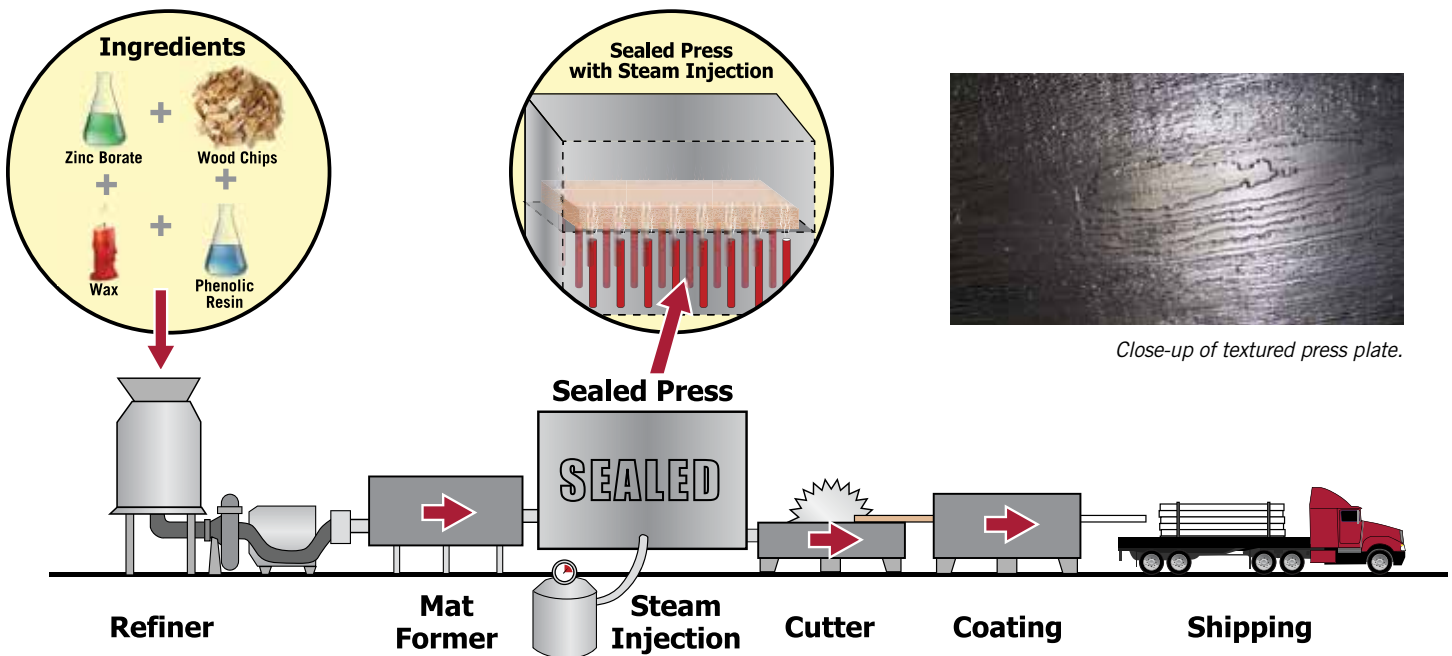
Towanda, Pennsylvania home of MiraTEC

Background

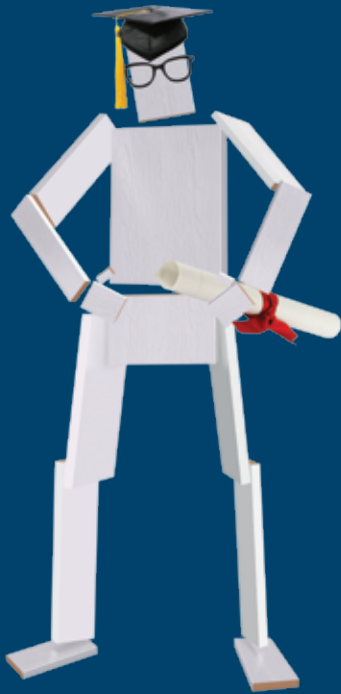
- Patented and proprietary TEC-treated exterior composite process was invented in Towanda, PA where MiraTEC has been produced since 1999.
- MiraTEC is formed by the marriage of wood and technology.
- Select wood fibers are combined with proprietary ingredients to form a highly durable trim product.

ADVANCED TECHNOLOGY ENABLES INNOVATION

- Closed press on all sides, in contrast to how alternative products are made, including hardboard and fiberboard.
- Steam injection is used in the process.
- Art and science creates the most authentic woodgrain texture.



TESTS DON'T LIE



CCMC 14015-L

- **Moisture resistant:** As measured by ASTM D1037 for Water Absorption and Thickness Swelling.
- **Rot resistant:** Tested per AWWA E16 Field Test for Evaluation of Wood Preservatives to be Used Out of Ground Contact: Horizontal Lap-Joint Method.
- **Termite resistant:** Tested per AWWA E7 Standard Method of Evaluating Wood Preservatives by Field Tests with Stakes.

ALL ABOUT MIRATEC

- Moisture, rot and termite resistant.



- Handles like wood; easy to machine, cut and nail.

- Won't check, split or crack.



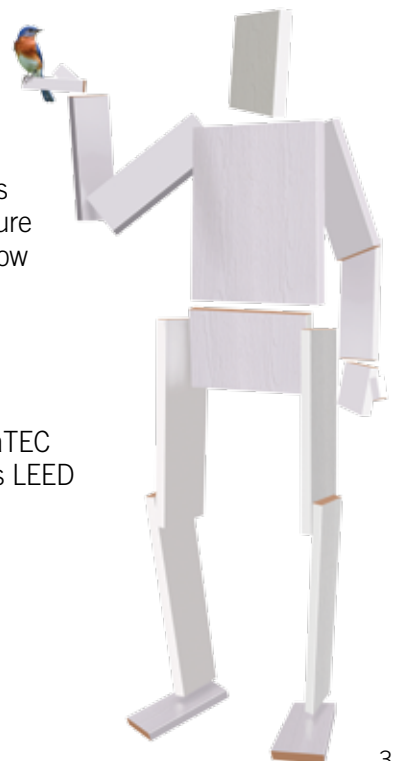
- Reversible with a woodgrain texture on one side, and a smooth surface on the other.

NO TRIM IS FRIENDLIER TO THE ENVIRONMENT

- **Sustainable Materials** – No old growth wood is used in the manufacture of MiraTEC trim. It is made from wood that has no commercial timber value and is the byproduct of other operations. It is sourced 100 miles from the manufacturing site.
- **No Added Urea Formaldehyde** – MiraTEC trim is certified to contain no added urea formaldehyde.
- **Complies with CARB** – MiraTEC trim is acknowledged by the California Air Resources Board's (CARB) Airborne Toxic Control Measure (ATCM) 93120 to utilize exempt status ultra-low emitting formaldehyde (ULEF) resins.
- **Ultra low VOC Primer** – primed 4 sides with an ultra-low VOC, white primer containing a mildewicide.
- **Contributes to Green Building Programs** – MiraTEC trim contributes to industry programs such as LEED and the National Green Building Standard.

ENVIRONMENTAL
CLAIMS
VALIDATION
by SCS Global Services

**NO ADDED UREA
FORMALDEHYDE**

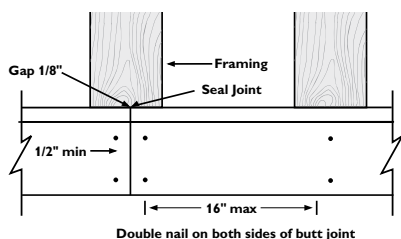


INSTALLS LIKE WOOD

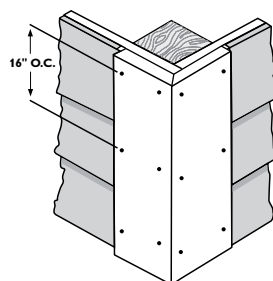
THE HIGHLIGHTS

See full instructions at miratectrim.com.

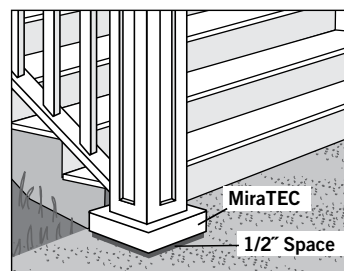
CUTTING	FASTENING & BUTT JOINTS	FASTENERS	SPECIFIC APPLICATIONS	FINISHING
<ul style="list-style-type: none"> MiraTEC can be ripped, routed or machined. Mitering outside corners is ok. No special tools or dust collection required. 	<ul style="list-style-type: none"> Apply direct to sheathing Gap butt joints 1/8" only on runs greater than 30 feet. 4/4 can be fastened direct to rafter tails for fascia. Double nail max 16" o.c. 	<ul style="list-style-type: none"> Finish nails may be used. Nails can be counter sunk 1/16". 	<ul style="list-style-type: none"> 1" clearance at rooflines. Wrap columns directly to structural post. 1/2" clearance at porches and patio. 	<ul style="list-style-type: none"> Prime, paint or caulk cut ends. Min 2 ½ mils topcoat (dry).



Nail on both sides of the joint to a framing member. And all boards should be double nailed 16" o.c. max.



Miter corner boards and double nail 16" o.c. max.



Always leave 1/2" clearance from MiraTEC to ground.

MIRATEC HAS THE BEST, MOST AUTHENTIC TEXTURE



MIRATEC
by JELD-WEN



Competitor A



Competitor B



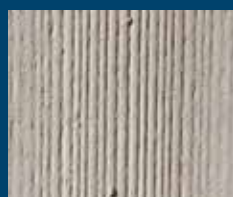
Competitor C



Competitor D



Competitor E



Competitor F



Competitor G

BEST LIMITED WARRANTY

- Most comprehensive limited warranty in the category:
 - >> Covers excessive edge swelling and hail damage.
 - >> Transferable to two owners of the structure.
 - >> Does not require registration to be effective.
- Longer than many competitive trim products.
 - >> Stronger proration terms over life of the limited warranty.
 - >> Highest value from year 26 going forward.
- Warranty covers termite, rot, hail damage and delamination.
- Unlike other trim products, MiraTEC offers the same warranty in all climates.
- Extremely high performance – claims since 2001 represent less than approximately 0.06% of sales.



MiraTEC Treated Exterior Composite Trim	
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Surface	Reversible: woodgrain texture on one side, smooth surface on the other

MIRATEC IS ONE SOLID PIECE



Collins Pine
TruWood Trim

MIRATEC[®]
by JELD-WEN

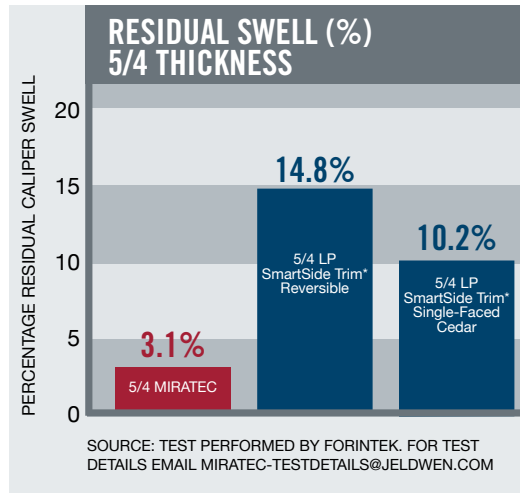
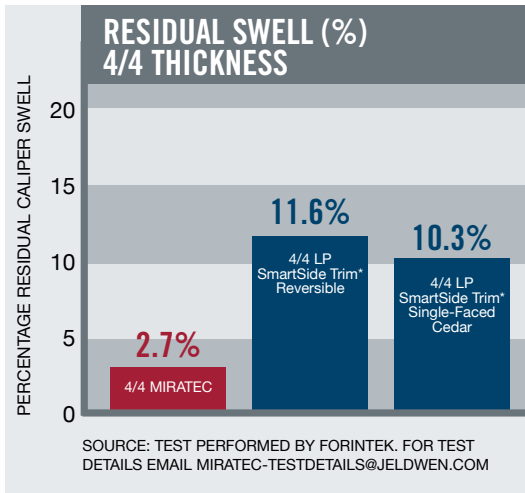
LP SmartSide Trim
Strand (OSB)
Single-faced Cedar

LP SmartSide Trim
Reversible Fiber
(Hardboard)

HEAD-TO-HEAD

MIRATEC VS. OSB AND HARDBOARD

- MiraTEC is not hardboard – just ask the ICC (ESR-3043) – hardboard and OSB can't meet the standard.
- >> MiraTEC is the brand **and** the material – treated exterior composite.
- >> MiraTEC is made differently than hardboard – which is why it performs so much better.



*LP SmartSide Trim is made by Louisiana Pacific.



WHY MIRATEC IS BETTER: IT'S NO CONTEST



MIRATEC® by JELD-WEN

Resists moisture, rot and termites

Reversible

Solid piece, uniform in every piece

16" lengths

Primed 4 sides

Handles like wood, can machine and route

High performance at a value

WOOD

Warp, splits, cracks

High Maintenance

No Warranty

FIBER CEMENT

Does not handle like wood

Brittle, difficult to handle

Special tools and techniques required

Not reversible

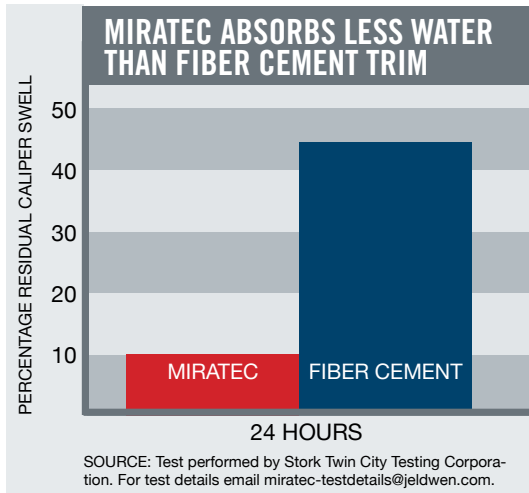
Shorter lengths – 10' and 12'

Different warranty and performance by climate

HEAD-TO-HEAD

MIRATEC CRUSHES FIBER CEMENT

- MiraTEC trim is highly resistant to moisture. Independent tests show fiber cement absorbs over 5 times more water than MiraTEC.
- Fiber cement trim is difficult to handle, not environmentally friendly, shorter lengths.



FIND MIRATEC ON SOCIAL MEDIA



OSB/STRAND

- Not reversible
- Edges have voids
- Laminated (2 pieces of siding glued together)
- Cannot be machined
- Retains more moisture
- Less comprehensive warranty

HARDBOARD/FIBER

- Laminated
- Retains more moisture
- Less comprehensive warranty

PVC

- Not made from sustainable materials and renewable resources
- MiraTEC accepts all shades of paint beautifully and is not prone to thermal expansion
- May attract dust and dirt on jobsite
- Premium priced

ALTERNATIVE TRIM

- Embossed woodgrain for less authentic texture
- 20 year warranty vs. MiraTEC 50 year warranty
- Less comprehensive warranty
- Untested
- Premium priced

MIRATEC BATTLES THE ENVIRONMENT AND WINS



NOTHING'S GOING TO MESS WITH IT.

You're looking at the first and only product conceived and engineered to take on all the challenges exterior trim faces like moisture, rot, termites, checking, splitting and cracking. The first and only wood composite trim to earn an evaluation report (ESR-3043) from ICC-ES. And now, the first and only wood composite trim available in an impressive 1-1/4" inch thickness for creating a more dramatic deep reveal. That's MiraTEC®. Setting the standard once again.

Available in dozens of sizes, MiraTEC comes factory primed white with reversible smooth or wood grain surfaces. Both sides smooth on 1-1/4" product.

Visit miratectrim.com for a representative or retailer in your area, or call 1-800-255-0785 for free product samples.

MIRATEC®
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BORN TO BE BADDEST.



AMAZING PERFORMANCE ON WATER.

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**NO ADDED UREA
FORMALDEHYDE**

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