A GUIDED TOUR

MIRATEC®
by JELD-WEN
Unlike other materials used for trim these days, MiraTEC® is the one product actually conceived and engineered to do the job. Moisture, rot, termites, checking, splitting and cracking are all challenges it boldly takes head-on and crushes. MiraTEC has a 50 year limited warranty with comprehensive coverage.

**Advanced Technology Enables Innovation**
MiraTEC has been produced since 1999 in Towanda, PA using the patented and proprietary Treated Exterior Composite (TEC) process.
MiraTEC Treated Exterior Composite Trim

Thickness  5/8" actual, 3/4" actual (4/4), 1" actual (5/4) and 1-1/4" actual (6/4)

Length  16'

1-1/4":  4", 6", 8", 10"* and 12"*

Surface  Reversible: woodgrain texture on one side and a smooth surface on the other (1-1/4" is smooth on both sides)

* Available through special order; minimum quantities may apply.
# DRAWBACKS OF OSB

- Not reversible
- No smooth trim
- Non-radiused, sharp edges – chips and splinters easily requiring cautious handling
- OSB edges have voids
- Cannot be machined
- Must use 8D-headed nails for installation

Residual swell is the measurement of a wood product's response to moisture exposure. The product is measured, submitted to water, and then measured again after it has dried out to determine how much water it retains.

## RESIDUAL SWELL (\%) 4/4 THICKNESS

<table>
<thead>
<tr>
<th></th>
<th>4/4 LP SmartSide Trim* Reversible</th>
<th>4/4 LP SmartSide Trim* Single-Faced Cedar</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.7%</td>
<td>11.6%</td>
<td>10.3%</td>
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</table>

## RESIDUAL SWELL (\%) 5/4 THICKNESS

<table>
<thead>
<tr>
<th></th>
<th>5/4 LP SmartSide Trim* Reversible</th>
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</tr>
</thead>
<tbody>
<tr>
<td>3.1%</td>
<td>14.8%</td>
<td>10.2%</td>
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</table>

Source: Test performed by Forintek. For test details email Miratec-TestDetails@Jeldwen.com
MIRATEC VS FIBER CEMENT TRIM

DRAWBACKS OF FIBER CEMENT TRIM

- Fiber cement trim is more difficult to work with
- Special tools and techniques are required
- Fiber cement warranty terms are inconsistent and may differ by geography
- Not reversible in all fiber cement brands
- Excessive moisture may cause sheathing or structural areas to rot

- Brittle, prone to breakage
- Difficult to handle, carry and stack
- Shorter lengths, leading to more seams
- Not reversible in all fiber cement brands

MiraTEC offers better performance and ease of use vs. Fiber Cement

MIRATEC ABSORBS LESS WATER THAN FIBER CEMENT TRIM

SOURCE: TEST PERFORMED BY STORK TWIN CITY TESTING CORPORATION. FOR TEST DETAILS EMAIL MIRATEC-TESTDETAILS@JELDWEN.COM.
MiraTEC is made differently and performs differently than OSB and Hardboard; MiraTEC performs to a higher standard – ESR-3043 is proof.*

**DRAWBACKS OF HARDBOARD**

- Laminated
- Variable density due to manufacturing process
- May have issues with edge swell and rot
- Less authentic woodgrain texture
- Warranty excludes hail, termite damage and edge swell
- Some manufacturers offer 30 year warranty

Learn more about ESR-3043 online: miratectrim.com/esr-3043
MIRADEC VS PRIMED WOOD

ALL THE DRAWBACKS OF WOOD

• Requires significant maintenance and replacement

• Not an engineered product

• Variable density makes working with the product difficult and creates inconsistent performance over time

• May warp, split and check over time

• Finger jointed and edge glued – most brands are finger jointed to make longer lengths and edge glued to make the width with a limited warranty on the glue joints

• Common primed wood brands: LIFESPAN (Radiata Pine), WindsorONE (Radiata Pine) and Bodyguard (Radiata)
TRIM... NOT JUST FOR WINDOWS

- Soffit
- Frieze board
- Fascia
- Belly band or band board
- Architectural porch detail
- Window trim
- Shutter
- Corner board
- Column wrap
- Rake board or shingle mold
- Fluted door casing

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1.800.255.0785
miratectrim.com