

MIRATEC WINS!

MIRATEC TAKES ON LP SMARTSIDE & BORAL

MIRATEC PERFORMS BETTER THAN LP IN LONG TERM PERFORMANCE TESTING

TEST OBJECTIVE:

The Weatherability Test is a standard test for measuring a product's durability when exposed to seasonal weather changes and rainfall. It is performed in accordance with ANSI A 135.6 (2006).

TEST PROTOCOL:

All samples used were subjected to six (6) cycles of exposure to mimic hot summers, cold winters and excessive rainfall. The samples are exposed to cycles of soaking, steam, freeze, dry, and then repeat cycles of steam and dry.

TEST MEASUREMENTS:

Results are calculated by the residual, or remaining, thickness swell of the trim. A trim board exhibits thickness swelling when exposure to exterior conditions breaks down the resin bonds within the trim, leading to water absorption. The thickness of the sample is calculated at the beginning and at the end of the test.

Test Agency: Test performed by FP Innovations. For test results email miratec-testdetails@jeldwen.com.

MIRATEC BEATS BORAL IN ALL CATEGORIES

VALUE:

MiraTEC costs 35% less than Boral TruExterior Trim®.

BEAUTY:

MiraTEC woodgrain side shows a more authentic woodgrain texture.

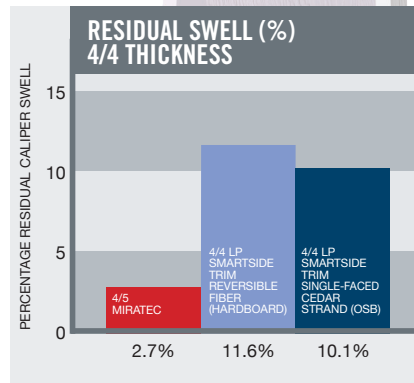
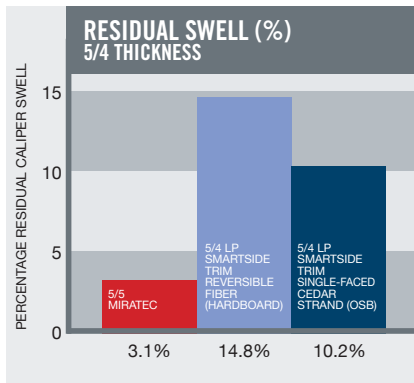
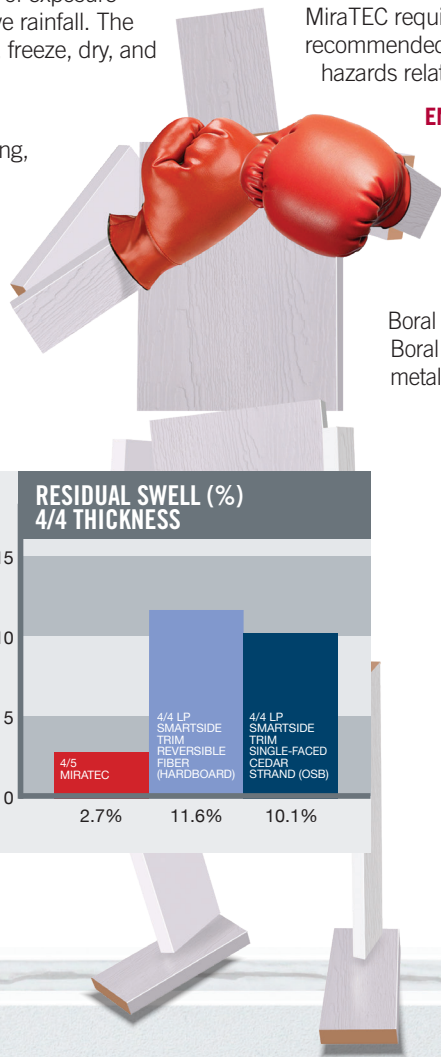
EASIER TO WORK WITH:

MiraTEC requires no special tools. Dedicated tools are recommended for Boral trim due to the risk of potential fire hazards related to combustible dust.

ENVIRONMENTALLY FRIENDLY:

MiraTEC is an environmentally friendly product, made from wood that has no commercial timber value and is the by-product of other operations, is primed 4 sides with an ultra-low VOC primer containing a mildewcide with no added urea formaldehyde.

Boral is made from non-biodegradable materials. When Boral trim is cut, the dust created contains silica and heavy metal fragments due to its fly-ash content.



Boral TruExterior® woodgrain side

MIRATEC OUTPERFORMS LP TRIM

LP SMARTSIDE 4/4 TRIM IS A SCANT PRODUCT

LP SmartSide Trim Reversible Fiber (Hardboard) and LP SmartSide Trim Single-Faced Cedar Strand (OSB) are sold as Scant products that measure 0.62" thick. These products are 20% thinner than a full 4/4 (actual 3/4") trim.

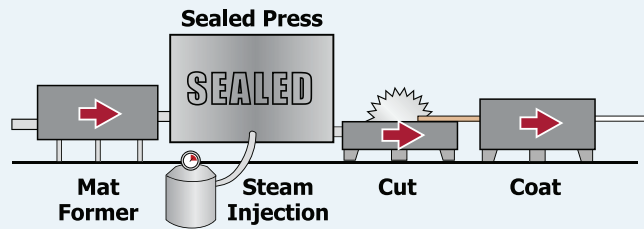
Use MiraTEC 5/8" trim to compare to 440 Series

- When used with traditional lap siding, the reveal is smaller.
- LP SmartSide is a laminated product.

MIRATEC TECHNOLOGY ENABLES PERFORMANCE

The proprietary technology that creates MiraTEC uses a closed press and steam injection to create a product that has the same properties in each piece.

- Closed press.
- Steam injected.



HARDBOARD IS MADE IN AN OPEN PRESS, WITHOUT STEAM

- Wood fibers and resins are combined to form a mat, which is pressed between two hot platens.
- Heat is transferred from the platens to the board.
- Trim is laminated to thickness outside of the press, prior to being cut for trim dimensions.



MiraTEC is made differently and performs differently

MIRATEC BEATS BORAL TRIM

BORAL TRUEXTERIOR TRIM IS MORE EXPENSIVE

Boral trim costs up to 35% more than MiraTEC, without the added expense of recommended special tools.

Pair MiraTEC trim with Boral siding for a whole-house cost saving solution

BORAL IS MADE WITH FLY-ASH

Fly-ash, a by-product of coal manufacturing process, is combined with a polymeric blend, fly ash, and glass fibers to create a pancake batter style mixture

According to epa.gov/coalash, coal ash contains contaminants like mercury, cadmium and arsenic. Without proper management, these contaminants can pollute waterways, ground water, drinking water, and the air. The EPA currently prohibits the disposal of fly-ash in landfills, and supports beneficial use of coal combustion residuals (recycling or reuse of coal ash in lieu of disposal).



Fly-ash, a by-product of coal manufacturing process

MIRATEC[®]
by JELD-WEN



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