

MIRATEC TAKES ON LP SMARTSIDE AND WINS

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).

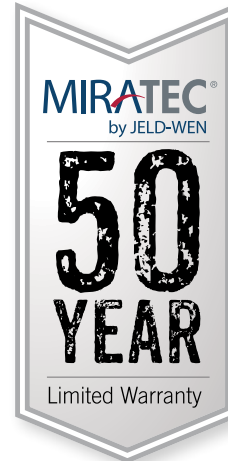
TEST PROTOCOL:

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® VS. HARDBOARD / OSB



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 0.625" thick. These products are 16.7% thinner than a full 4/4 (actual 3/4") trim.

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

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

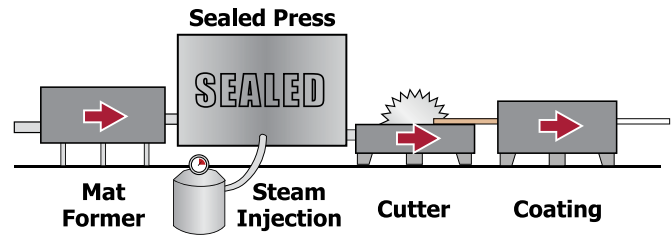
MIRATEC®
by JELD-WEN

MIRATEC OUTPERFORMS LP TRIM

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.

PRODUCT TYPE	WOOD COMPOSITE MiraTEC	OSB LP
Building Code Compliant	Yes	⊗ No
Price	\$\$	\$\$
Construction	Single piece, uniform density density, not laminated	Laminated wood strands
Rot and Termite Protection	Zinc Borate	LP SmartGuard
Warranty	50 years	50 years
Surface	Reversible - smooth surface one side/textured on the other	Textured
Coating	Factory primed - 4 sides Primer contains mildewcide	Factory primed - 3 sides
Thickness	5/8", 3/4", 1" and 1-1/4"	440 and 540 series
Thickness - Actual	0.625", 0.75", 1" and 1.25"	0.625" and 0.91"
Machining	Yes	⊗ No
Eased Edge for Paint Adhesion	Yes	⊗ No
Voids on Edges	No	Yes
Restrictions on Finished Nails	No	Yes – no countersinking
Miter Outside Corners	Yes	⊗ No
Butt Joint Gaps	1/8"	3/16"

MIRATEC HOLDS BUILDING CODE REPORTS IN US & CANADA

- MiraTEC is the first and only wood composite trim to earn an evaluation report (ESR) from ICC Evaluation Service (ICC-ES).
 - ICC-ES is the United States' leading evaluation service for innovative building materials, components and systems.
 - To view the report, visit icc-es.org
- MiraTEC is building code compliant in Florida: FL Building Code 21656.1
- MiraTEC earned CCMC 14015-L from the Canadian Construction Materials Centre.



CCMC 14015-L



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miratectrim.com



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