

**MIRATEC**<sup>®</sup>  
by JELD-WEN



# SUPERIOR PERFORMANCE AND VALUE



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Unlike other materials used for trim these days, MiraTEC<sup>®</sup> 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. As the first wood composite trim to earn an evaluation report (ESR-3043) from ICC-ES and 14015-L from the CCMC, MiraTEC simply performs to a standard other composite trim products cannot. Not by chance, but by design.



## NO OTHER TRIM PERFORMS LIKE MIRATEC

- Resists moisture, rot and termites.
- Reversible with a woodgrain texture on one side and a smooth surface on the other.
- Handles like wood; easy to machine, cut and nail.
- Won't check, split or crack.
- TEC<sup>™</sup> patented manufacturing process makes MiraTEC a solid board that has uniform properties throughout for consistent performance in every piece.
- Primed 4 sides with an ultra-low VOC, primer containing a mildewcide.
- 50-year limited warranty.

## ANYONE CAN TALK PERFORMANCE; MIRATEC PROVES IT

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



CCMC 14015-L

### BUILDING CODE LISTED

U.S.: ESR-3043 from the ICC-ES and FL Building Code 22271

Canada: 14015-L from the CCMC



# IN HEAD-TO-HEAD COMPETITION, IT'S NO CONTEST

## MIRATEC VS. PRIMED WOOD TRIM

- Resists moisture, rot and termites – unlike wood.
- Won't warp, split or check – unlike wood.
- One solid piece with uniform density and consistent performance in every piece.
- Low maintenance; 50-year limited warranty.

## MIRATEC VS. PVC TRIM

- Made from sustainable materials and renewable resources.
- Better value and costs up to 50% less than PVC.
- Accepts all shades of paint beautifully and is not prone to thermal expansion.

## MIRATEC OUT PERFORMS LP IN LONG TERM PERFORMANCE TESTING

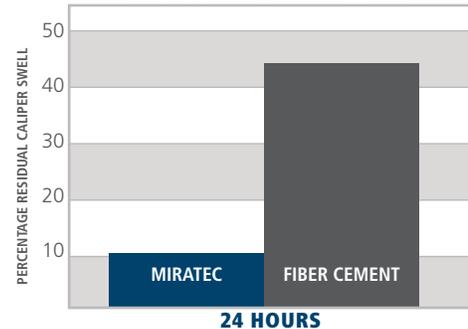
- LP SmartSide is a scant product – up to 16.7% thinner than a full 4/4 trim.
- Smaller reveal when used with traditional lap siding.
- LP SmartSide is a laminated product.
- MiraTEC technology enables better performance – steam injection creates a board with uniform properties in each piece.
- MiraTEC can be machined/routed for decorative use.



## MIRATEC VS. FIBER CEMENT TRIM

- Better performance and usability than fiber cement trim, at a better value.
- Handles like wood; no special tools and techniques required.
- More authentic woodgrain texture.
- Highly resistant to moisture. Independent tests show fiber cement absorbs 5X more water.<sup>1</sup>
- MiraTEC is not brittle, or difficult to stack and move on the job site.
- 100% silica free, a known carcinogen.
- 50-year limited warranty for all product; fiber cement warranties vary by climate.

### MIRATEC ABSORBS LESS WATER THAN FIBER CEMENT TRIM<sup>1</sup>

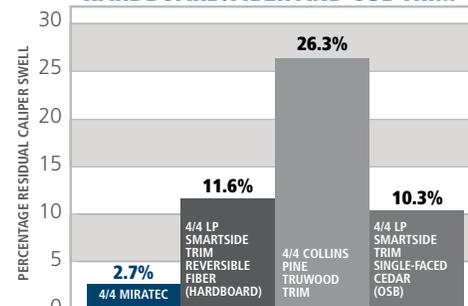


## MIRATEC VS. HARDBOARD/FIBER AND OSB TRIM

- MiraTEC 5/8" compares to the 440 Series.
- MiraTEC 1" (5/4) compares to the 540 Series.
- MiraTEC performs 9X better in third party weatherability testing.<sup>2</sup>
- MiraTEC is one single piece; it is not laminated.
- MiraTEC is reversible, providing design flexibility.



### WEATHERABILITY TEST PROVES MIRATEC PERFORMS BETTER THAN HARDBOARD/FIBER AND OSB TRIM<sup>3</sup>



<sup>1</sup>TEST PERFORMED BY STORK TWIN CITY TESTING CORPORATION

<sup>2</sup>TEST PERFORMED BY FORINTEK.

<sup>3</sup>SOURCE: TEST PERFORMED BY FPINNOVATIONS.

FOR DETAILS OF EITHER TEST EMAIL MIRATEC-TESTDETAILS@JELDWEN.COM



# SIZE MATTERS

## 5/8" ACTUAL THICKNESS

Compare to 440 Series and other scant 3/4" products

2" MIRATEC  
BATTEN →

SIZE		16' PIECES	
NOMINAL	ACTUAL	BUNDLE	UNIT
2" x 192"	2"	12	336
3" x 192"	2 3/4"	8	320
4" x 192"	3 1/2"	8	240
5" x 192"	4 1/2"	8	200
6" x 192"	5 1/2"	4	160
8" x 192"	7 1/4"	4	120
10" x 192"	9 1/4"	4	100
12" x 192"	11 1/4"	4	80
16" x 192"	15 1/2"	2	60

## 3/4" ACTUAL THICKNESS (4/4 Nominal)

SIZE		16' PIECES	
NOMINAL	ACTUAL	BUNDLE	UNIT
2" x 192"	2"	12	336
3" x 192"	2 3/4"	8	320
4" x 192"	3 1/2"	8	240
5" x 192"	4 1/2"	8	200
6" x 192"	5 1/2"	4	160
8" x 192"	7 1/4"	4	120
10" x 192"	9 1/4"	4	100
12" x 192"	11 1/4"	4	80
16" x 192"	15 1/2"	2	60

## 1" ACTUAL THICKNESS (5/4 Nominal)

Compare to 540 Series and other similar products

2" MIRATEC  
BATTEN →

SIZE		16' PIECES	
NOMINAL	ACTUAL	BUNDLE	UNIT
2" x 192"	2"	9	252
3" x 192"	2 3/4"	6	240
4" x 192"	3 1/2"	6	180
5" x 192"	4 1/2"	6	150
6" x 192"	5 1/2"	3	120
8" x 192"	7 1/4"	3	90
10" x 192"	9 1/4"	3	75
12" x 192"	11 1/4"	3	60
16" x 192"	15 1/2"	2	42

## 1-1/4" ACTUAL THICKNESS (6/4 Nominal) Smooth Both Sides

SIZE		16' PIECES	
NOMINAL	ACTUAL	BUNDLE	UNIT
4" x 192"	3 1/2"	4	144
6" x 192"	5 1/2"	3	96
8" x 192"	7 1/4"	3	72
10" x 192"	9 1/4"	3	60
12" x 192"	11 1/4"	3	48

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