

# SUPERIOR PERFORMANCE IS NO FLUKE.

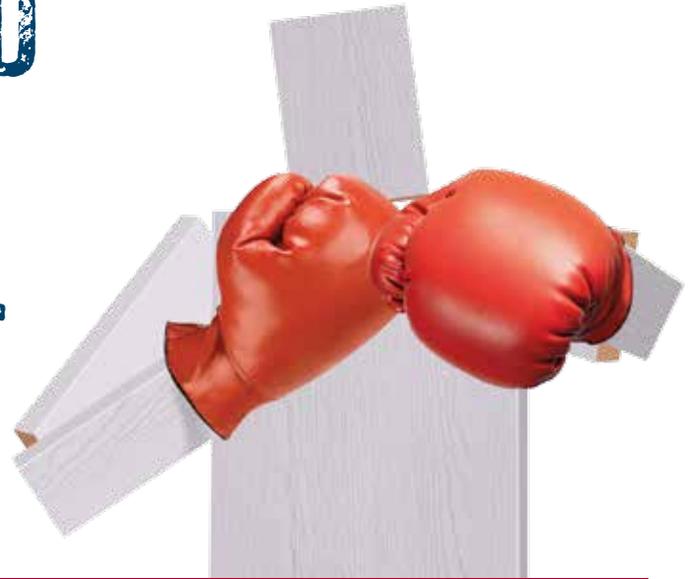
## BORN TO BE BADDEST.

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. As the first and only 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.



**MIRATEC**®  
By JELD-WEN

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



## MIRATEC vs PRIMED WOOD TRIM

- MiraTEC resists moisture, rot and termites – unlike wood.
- MiraTEC won't warp, split or check – unlike wood.
- The TEC™ process ensures MiraTEC is one solid piece with uniform density and consistent performance in every piece. Primed wood is finger jointed and edged glued.
- MiraTEC is low maintenance.
- MiraTEC has an industry-best 50 year limited warranty.

## MIRATEC vs HARDBOARD/FIBER AND OSB TRIM

- MiraTEC performs 9X better in third party Weatherability testing, which evaluates a product's ability to withstand exposure to the elements over time. See chart at right.
- Unlike hardboard trim, MiraTEC is not laminated.
- Unlike OSB trim, MiraTEC is reversible.
- MiraTEC 5/8" compares to the 440 Series.
- MiraTEC 1" (5/4) compares to the 540 Series.
- MiraTEC is building code compliant (ESR-3043), which is a standard that hardboard and OSB trim cannot meet.

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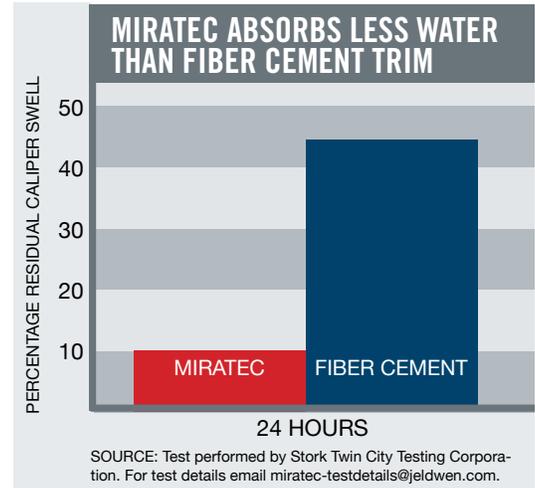
## NO OTHER TRIM PERFORMS LIKE MIRATEC.

- 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™ 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, white primer containing a mildewcide.
- Industry-best 50-year limited warranty.



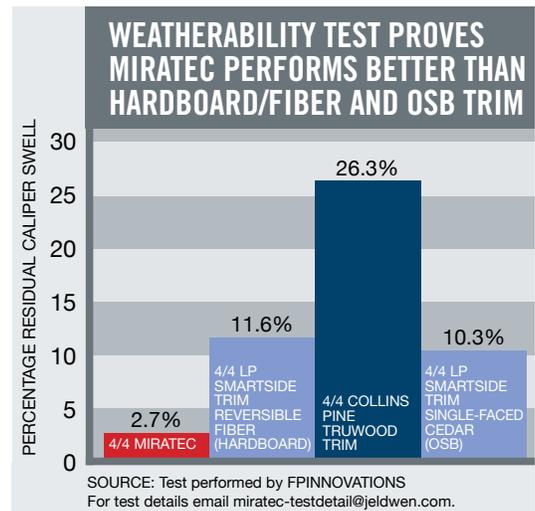
## MIRATEC vs FIBER CEMENT TRIM

- MiraTEC offers better performance and usability than fiber cement trim, at a better value.
- MiraTEC handles like wood; fiber cement trim requires special tools and techniques.
- MiraTEC is reversible with a more authentic woodgrain texture.
- MiraTEC is highly resistant to moisture. Independent tests show fiber cement absorbs 5X more water. See chart at right.
- MiraTEC is not brittle, or difficult to stack and move on the jobsite.
- MiraTEC is 100% silica free. Cutting fiber cement releases silica, a known carcinogen.
- MiraTEC offers an industry-best 50 year limited warranty for all product; fiber cement warranties vary by climate.



## MIRATEC vs PVC TRIM

- MiraTEC is made from sustainable materials and renewable resources, unlike PVC.
- MiraTEC is a better value and costs up to 50% less than PVC.
- MiraTEC accepts all shades of paint beautifully and is not prone to thermal expansion.



## 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.



Building code compliant in the U.S. (ESR-3043 from the ICC-ES) and in Canada (14015-L from the CCMC).

CCMC 14015-L



# 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. This leftover wood is also detrimental to the overall vitality of the forest.

>> All wood comes from an area within a 100-mile radius of the Towanda, PA production facility.

>> JELD-WEN® uses 100% northern hardwoods, which include maple, beech, oak and other species.

• MiraTEC trim is treated with zinc borate, an EPA-registered biocide and a naturally occurring earth mineral that is environmentally safe and ensures protection against termites.

## NO ADDED UREA FORMALDEHYDE

• MiraTEC trim has no added urea formaldehyde. This is certified by Scientific Certification Systems under certificate number SCS-NAUF-01802.

• Through repeated testing by the Composite Panel Association (CPA), MiraTEC trim has demonstrated formaldehyde emissions equivalent to background levels found in the environment.

## 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.

## LOW VOC PRIMER

• Primed 4 sides with an ultra-low VOC, white primer containing a mildewcide.

## CONTRIBUTES TO GREEN BUILDING PROGRAMS

• MiraTEC trim contributes to industry programs such as LEED and the National Green Building Standard.™



## SIZE MATTERS.

2" MIRATEC BATTEN

5/8" ACTUAL THICKNESS			
Compare to 440 Series and other scant 3/4" products			
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

2" MIRATEC BATTEN

4/4 - 3/4" ACTUAL THICKNESS			
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

2" MIRATEC BATTEN

5/4 - 1" ACTUAL THICKNESS			
Compare to 540 Series and other similar products			
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 - Smooth Finish Only			
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

**MIRATEC**®  
By JELD-WEN  
**BORN TO BE BADDEST.**

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ENVIRONMENTAL  
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**NO ADDED UREA  
FORMALDEHYDE**