OUTPERFORMING THE COMPETITION SINCE 1999

MIRATEC®

THE Original TEC TRIM™

50 YEAR Limited Warranty

IN THIRD PARTY INDEPENDENT LABORATORY TESTING, CONDUCTED BLIND, MIRATEC TRIM OUTPERFORMS THE COMPETITION

MiraTEC offers the best long-term performance:

WATER ABSORPTION TESTING*

Water Absorption Testing mimics how a product performs in cycles of rain and other moisture. The test measures the amount of weight products gain due to moisture absorption.

- MiraTEC performed **7X better than James Hardie trim.**
- Fiber cement trim brands had weight gains from **over 27% to more than 34% of their original weight.** *MiraTEC only gained 5%.*

WEATHERABILITY TESTING*

Weatherability Testing simulates harsh weather (rain, heat, humidity) and measures long term performance.

- MiraTEC performed **8X better than MDF trim.**
- MiraTEC outperformed **LP SmartSide trim by over 6X.**
- MiraTEC performed **4X better than TruWood trim.**

UP TO 8x In Weatherability Testing* **designed to measure long-term performance, MiraTEC performed up to 8X better than other wood based trims, including MDF trim.**

UP TO 7x In Water Absorption Testing*, **MiraTEC outperformed fiber cement trims up to 7X including James Hardie trim.**

OVER 6x In Weatherability Testing*, **MiraTEC performed over 6X better than LP SmartSide trim.**

OVER 4x In Weatherability Testing*, **MiraTEC performed over 4X better than TruWood trim.**

#IS BLIND TESTING IN AN INDEPENDENT LAB IMPORTANT?

Short answer – yes. Using an independent third-party to conduct product testing helps to remove any bias from the study that could be present in an internal lab. Plus, in the 3rd party blind testing process, the samples that the lab tests are coded (blind) to avoid preconceived ideas from named brand labels that could unintentionally influence the results.

* INDEPENDENT LAB TESTING RESULTS, 2023. FOR TEST DETAILS: EMAIL SUPPORT@MIRATECEXTIRA.COM

OVERALL, MIRATEC IS SIMPLY THE BEST CHOICE:

	MIRATEC®	OSB	HARDBOARD	MDF	FIBER CEMENT	PVC	WOOD	GLASS-FIBER REINFORCED PLASTIC COMPOSITE
CONSTRUCTION	1 piece (not laminated), uniform density, treated wood fiber with zinc borate for moisture, rot and termite resistance	1 piece laminated wood strands	2 pieces laminated wood fiber	Pressed between hot platens in an open press without steam injection	1 piece Portland cement, sand, cellulose fiber, some with voids in backside for reduced weight	1 piece formed PVC	Variable density	1 piece polymer chemistry, coal-combustion products (ash)
PRIMING	Primed 4 sides	Primed 3 sides	Primed 4 sides	Primed 4 sides	Primed 3 sides	Not primed	Available primed and unprimed; trade-off in cost and convenience	Primed 4 sides
SIZING	4 thickness options, 16' lengths, and full range of widths from a true 2" batten to 16"	Scant size[1] thicknesses; 16'-20' lengths	Scant size thicknesses; 16' lengths	Thickness varies; 16' lengths	Thicknesses varies; 10'-12' lengths	Thicknesses and length varies	Thicknesses and length varies	Thicknesses varies; 16'-20' lengths
FINISHING	Reversible, smooth on one side with an authentic woodgrain texture on the reverse Can be painted any color – light or dark	Not reversible	Varies	Reversible (see photo on next page)	Not reversible	Limitations on color finishing options due to product expansion and contraction	Varies	Reversible
WARRANTY	50-Year Limited Warranty	50-Year Limited Warranty	30 Year Limited Warranty	50-Year Limited Warranty	15-50 Year Limited Warranty	25-Year to Lifetime Warranty	Varies	50-Year Limited Warranty

[1] Scant size: Material that is 'scant sized' is not the full size listed on the product label.






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

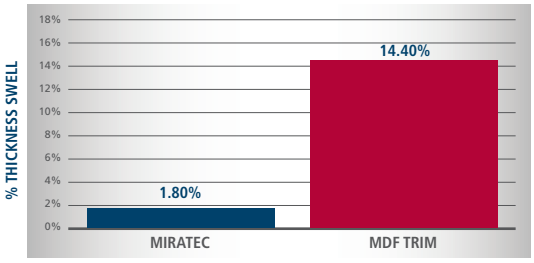
MIRATEC VS. MDF TRIM

- **Proven:** MiraTEC has performed for over 25 years on homes and other structures throughout North America
- **Improved installation aesthetics:** MiraTEC trim allows butt joints on runs of up to 30 feet; MDF trim requires more gaps to accommodate product movement, adding installation time and cost, as well as a less clean look.
- **More sizes:** The broad profile of MiraTEC trim allows custom application
- **More protection:** MiraTEC warranty covers hail damage and prefinished costs and retains 40% more value than MDF

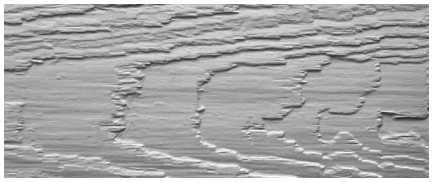
8x

In Weatherability Testing* **designed to measure long-term performance, MiraTEC performed 8X better than MDF trim.**

WEATHERABILITY OF SUBSTRATE*



*WEATHERABILITY TESTING MEETS THE REQUIREMENTS OF ANSI A135.6



MiraTEC (left) **has a more authentic woodgrain texture** than MDF trim (right)

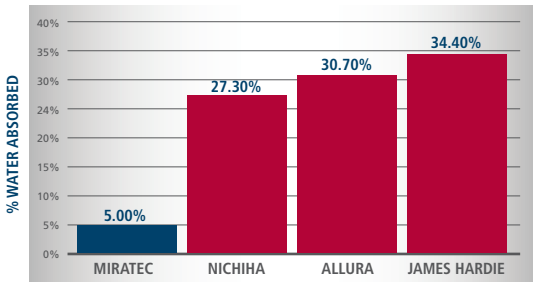
MIRATEC VS. FIBER CEMENT TRIM

- Highly resistant to moisture. Independent tests show fiber cement absorbs up to 7X more water*
- Handles like wood; with no special tools and techniques required
- More authentic woodgrain texture
- 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
- Better performance and usability, at a better value

In Water Absorption Testing*, performed in **blind testing by an independent lab, MiraTEC outperformed James Hardie trim 7X.**

UP TO 7x

WATER ABSORPTION*



* 24-HOUR THICKNESS SWELL AND WATER ABSORPTION (AS PER ASTM D 1037)

MIRATEC VS. HARDBOARD TRIM

- MiraTEC performs over 4X better than TruWood hardboard trim in independent lab Weatherability Testing* designed to measure long-term performance
- MiraTEC is one single piece; it is not laminated
- MiraTEC is reversible, offering design flexibility and lower inventory at the job site

OVER 4X

In Weatherability Testing* **designed to measure long-term performance, MiraTEC performed over 4X better than TruWood trim.**

* INDEPENDENT LAB TESTING RESULTS, 2023. FOR TEST DETAILS: EMAIL SUPPORT@MIRATECEXTIRA.COM

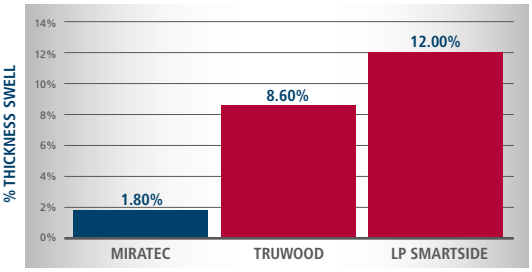
MIRATEC VS. LP SMARTSIDE

- MiraTEC technology enables better performance – steam injection creates a board with uniform properties in each piece
- MiraTEC trim has a larger reveal for better installed aesthetics
- MiraTEC can be machined for decorative use
- MiraTEC 5/8" compares to and MiraTEC 4/4 (1") is 16.7% thicker than LP SmartSide 440 Series
- MiraTEC 1" (5/4) compares to the 540 Series

In Weatherability Testing* **designed to measure long-term performance, MiraTEC performed over 6X better than LP Smartside trim.**

OVER 6x

WEATHERABILITY OF SUBSTRATE*



*WEATHERABILITY TESTING MEETS THE REQUIREMENTS OF ANSI A135.6

MIRATEC VS. PVC TRIM

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

MIRATEC® THE Original TEC TRIM™ 50 YEAR Limited Warranty

HIGH PERFORMANCE TRIM, FRIENDLY TO THE ENVIRONMENT

SUSTAINABLE MATERIALS	• No old growth wood is used manufacturing of MiraTEC trim. ✓ All wood comes from within 150-miles of the production site in Towanda, PA ✓ MiraTEC uses 100% northern hardwoods • MiraTEC trim is treated with zinc borate, an EPA-registered biocide that is environmentally safe and protects against termites.
NO ADDED UREA FORMALDEHYDE	MiraTEC has no added urea formaldehyde (certified by Scientific Certification Systems).
LOW VOC PRIMER	Primed 4 sides with an ultra-low VOC primer containing a mildewcide.
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.
CONTRIBUTES TO GREEN BUILDING PROGRAMS	MiraTEC trim contributes to industry programs such as LEED and the National Green Building Standard.™

VALIDATED by SCS GLOBAL SERVICES NO ADDED UREA FORMALDEHYDE

ICC ES

BUILDING CODE LISTED
United States: ESR-3043 from the ICC-ES and FL Building Code 22271
Canada: 14015-L from the CCMC CCMC 14015-L

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