

MiraTEC[®] Trim Resists Moisture Better Than LP[®] SmartSide[®] Reversible Trim!*

MiraTEC Trim Performs Better in Weatherability Tests Than LP SmartSide Trim

TEST OBJECTIVE:

The Weatherability Test is designed to evaluate a product's ability to withstand exposure to the elements.

TEST AGENCY:

Weatherability Test was performed by an accredited third party test agency in 2008 following ANSI 135.6 (2006).

TEST PROTOCOL:

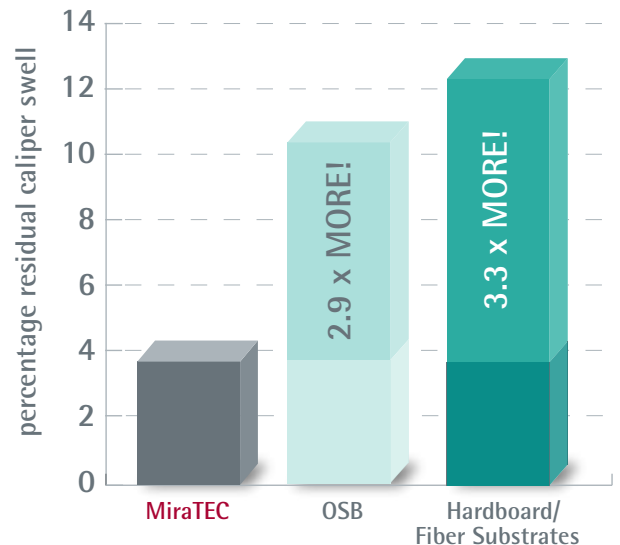
Trim was subjected to six cycles of temperature and humidity changes that replicate actual environmental conditions. The cycles of exposure were: soak, heat, freeze, heat, freeze, heat. All samples tested were 5/4 or 1" actual.

TEST MEASUREMENTS:

The change in thickness of the material was recorded at the start of the test and at the end of the test, shown on the graph at the right.

COMPARED TO AN AMATEUR ONE-TIME BUCKET TEST:

One-time bucket tests of wood composite products are not a good predictor of long-term performance. To really understand the results of moisture, the bucket test would need to be performed repeatedly with measurements taken each time to indicate projected long term moisture resistance.



LP SmartSide 4/4 Reversible Trim is a Scant Product

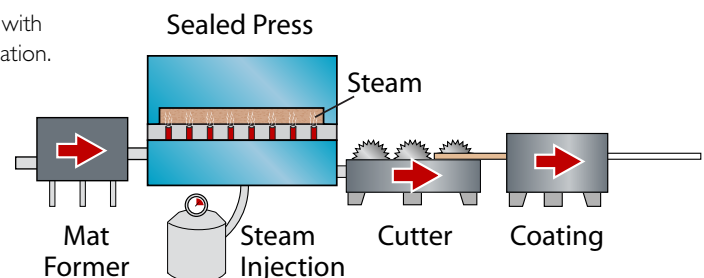
LP's SmartSide 4/4 reversible trim is now being sold as a scant product of 0.62" thickness, which is 20% thinner than the previous 4/4 product.

- When used with traditional lap siding, the reveal is smaller – providing an inferior aesthetic.
- Offers customers less for their money.
- Continues to be a laminated hardboard trim product.

Proprietary MiraTEC Trim Manufacturing Process is Superior

MiraTEC's proprietary process creates an engineered wood product with more uniform density than a laminated product, and prevents degradation.

- Closed press
- Steam injected



MiraTEC Trim Provides Green Building Benefits

No Added Urea Formaldehyde

- MiraTEC trim has no added urea formaldehyde. This is certified by Scientific Certification Systems, certificate number SCS-MC-01802.
- Due to its physical composition, MiraTEC trim is not subject to the California Air Resources Board's (CARB) Airborne Toxic Control Measure 93120 (ATCM). This measure enforces limits on formaldehyde emissions. If it was subject to the ATCM rule, MiraTEC trim would meet the specification for the designation "ultra low formaldehyde emitter."
- Through repeated testing by the Composite Panel Association (CPA), a third party certifier for the ATCM rule, MiraTEC trim has demonstrated formaldehyde emissions equivalent to background levels found in the environment.



Sustainable Materials

- No old growth wood is used in the manufacture of MiraTEC trim. It is made from wood that is of no commercial timber value and is the byproduct of other operations. Leftover wood is also detrimental to the overall vitality of the forest.
 - All wood comes from an area within a 200 mile radius of the Towanda, PA production facility.
 - CMI uses 100% northern hardwoods which includes maple, beech, oak and other species.

Low VOC Primer

- MiraTEC trim is primed with a low VOC primer with a mildewicide.

Contributes to Industry Programs

- MiraTEC trim contributes to industry programs such as LEED[®] and the National Green Building Standard[™].

CMI Engages in Environmental Practices

- CMI completed the Towanda Energy Project which led to a 340 ton annual reduction in air emissions and recycled use of 950,000 cubic yards of waste fiber.
- In each of its facilities, CMI uses energy efficient lighting and participates in on-site recycling programs.
- CMI was awarded a \$1,358,869 grant through Pennsylvania's Green Energy Works! Program to install a back-pressure steam turbine at the Towanda facility. This system converts existing excess steam into clean electric power.

Compare MiraTEC Trim and See the Difference...

MiraTEC Trim

LP SmartSide Reversible Trim

 Engineered wood product; not laminated	 Laminated hardboard
 Manufactured using a patented and proprietary, closed press process; steam injection	 Manufactured using traditional hardboard siding process; closed press, heated platens, not patented
 Moisture resistant*	 Less moisture resistant than MiraTEC trim*
 Treated with zinc borate to resist rot and termites	 Treated with zinc borate to resist rot and termites
 Proven product — more than 10 years on the market	 New product introduced in 2008
 30-year comprehensive warranty includes swelling and hail damage	 50-year limited warranty excludes swelling and hail damage
 Produces full 4/4 and 5/4 products; no changes in a down market	 Produces a scant 4/4 product, 20% thinner; this is a recent change

*Based on results of ANSI 135.6 test. (2006)