

# MiraTEC Trim Outperforms Hardboard Trim

*MiraTEC trim earned ESR-3043 and performs to a standard that hardboard products can't – MiraTEC is not hardboard trim*

	Treated Wood Composite Trim	Hardboard Trim
<b>Brands</b>	MiraTEC <sup>®</sup>	LP SmartSide Trim Reversible, TruWood Trim
<b>Manufacturing Process</b>	TEC <sup>™</sup> patented and proprietary manufacturing process was created specifically to make trim. TEC manufacturing process creates an engineered wood product with uniform density. MiraTEC is one solid piece – will not delaminate. Made in a sealed press with steam injected for added durability.	Hardboard manufacturing process was created to manufacture exterior siding. Hardboard manufacturing process may create a product with variable density. Hardboard trim may be manufactured by laminating thinner panels together to create trim thicknesses – may delaminate over time. Made in an open press between heated platens.
<b>Durability</b>	Easy to handle, machine, cut and nail. Won't check, split or crack. Treated with zinc borate for superior termite resistance. Made with phenolic resins for excellent moisture resistance. More authentic wood grain texture.	Easy to handle, machine, cut and nail. May delaminate. LP SmartSide Trim Reversible and TruWood Trim are laminated in all thicknesses. Less authentic wood grain texture.
<b>Building Code Approved/Listed</b>	MiraTEC trim earned an evaluation report (ESR-3043) from ICC-ES. MiraTEC meets the strict requirements of ICC-ES Acceptance Criteria (AC424). Hardboard trim cannot meet those requirements. This new evidence supports the claim that MiraTEC is a worry-free product with incredible durability and a strong 50-year warranty.	Hardboard trim does not have a building code listing. Hardboard trim cannot perform to the standards in ESR-3043.
<b>Long Term Performance</b>	Weatherability Testing proves MiraTEC performs better. MiraTEC has a 2.8% increase in residual swell!  <b>Weatherability Testing</b> is designed to evaluate a product's ability to withstand exposure to the exterior environment over time. It is measured in the swell in thickness of a trim product after it is submitted to an aggressive cycle of soaking, heating and freezing to mimic rain, heat, dryness, cold and freezing exterior conditions. The trim is measured before and after the test. The percentage of thickness swell signals the water that has been absorbed and retained by the product. The greater the percentage increase in total product thickness after the test, the less weather resistance it offers. A product with higher thickness swell has compromised long term performance and is likely to exhibit poor aesthetic properties over time.	Weatherability Testing proves hardboard trim experiences a residual thickness swell between 7.5% and 26.3% by brand.
<b>Green</b>	MiraTEC trim has no added urea formaldehyde. This is certified by Scientific Certification Systems under certificate number SCS-MC-01802.  Made from sustainable materials. No old growth wood is used in the manufacture of MiraTEC trim. Complies with CARB. MiraTEC trim is factory-primed on four sides with a low VOC primer containing a mildewcide. Contributes to industry green building programs such as LEED.	Varies by brand.
<b>Warranty</b>	Backed by an industry-best 50-year warranty. Protects against hail damage, rot, termite damage and edge swell. 	Warranty coverage varies from 10 to 50 years by brand. LP SmartSide Trim Reversible warranty excludes hail damage, termite damage and swelling and/or edge checking.

<sup>1</sup> Weatherability Test details available upon request via email to [testdetails@cmicompany.com](mailto:testdetails@cmicompany.com)

# MiraTEC Trim Offers the Durability of PVC Trim at a Better Value

	Treated Wood Composite Trim	PVC Trim
<b>Brands</b>	MiraTEC	AZEK Trim, VERSATEX Trimboard and others.
<b>Value</b>	MiraTEC is priced 50% less than PVC.	PVC trim is a super premium priced product.
<b>Manufacturing Process</b>	TEC manufacturing process creates an engineered wood product with uniform density. More authentic wood grain texture. Made in a sealed press with steam injected for added durability.	PVC trim manufacturing process may create a product with variable density. Less authentic wood grain texture applied with a roller during forming; roller creates a repeating pattern.
<b>Performance</b>	Moisture, rot and termite resistant. Easy to handle, machine, cut and nail with same tools as wood. Won't check, split or crack.	Moisture, rot and termite resistant. Special tools are needed to work with the product. Cut edges are porous and attract dust and dirt that is difficult to remove. Prone to thermal expansion.
<b>Painting</b>	MiraTEC is factory primed with a low VOC primer with mildewcide. 5-year primer warranty. Accepts all shades of paint beautifully.	PVC trim may yellow over time if not painted. Some PVC trim cannot be painted darker shades of paint.
<b>Green</b>	MiraTEC trim has no added urea formaldehyde. This is certified by Scientific Certification Systems under certificate number SCS-MC-01802. Made from sustainable materials and renewable resources. No old growth wood is used in the manufacture of MiraTEC trim. Complies with CARB. MiraTEC trim is factory-primed on four sides with a low VOC primer containing a mildewcide. Contributes to industry green building programs such as LEED.	Made from unsustainable, oil-derived natural resources. Not biodegradable. Other green features vary by brand.
<b>Warranty</b>	Backed by an industry-best 50-year warranty. 	Warranty coverage varies from 25 years to Lifetime <sup>2</sup> by brand.

<sup>2</sup> First owner only.



miratectrim.com



Surface Burning Characteristics  
Flame Spread 120  
Smoke Developed 90



Covered by one or more of the following patents:  
5,677,369; 5,980,798; 5,993,709; 6,030,562

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