

FEATURES

BENEFITS

True exterior panel	<p>Extira panels are specifically designed and manufactured for exterior use, unlike MDF. Extira panels also offer high performance in high-moisture, interior environments. Use instead of wood for non-structural, paint-grade applications such as:</p> <ul style="list-style-type: none"> • Column Wraps • Shutters • Planters • Brick Mould • Exterior Signage • Sub-Floor • Marine Applications • Carriage Style Garage Doors • Door and Window Parts • Decorative Mouldings • Brackets
Moisture, rot and termite resistant	<p>Moisture resistant: As measured by ASTM D1037 for water absorption and thickness swelling.</p> <p>Rot resistant: As measured by AWPA E-16 Field Test for Evaluation of Wood Preservatives To Be Used Out of Ground Contact: Horizontal Lap-Joint Method.</p> <p>Termite resistant: As measured by AWPA E-7 Standard Method of Evaluating Wood Preservatives by Field Tests with Stakes.</p>
Patented and proprietary TEC™ process	Moisture, rot and termite resistant. The TEC process was created to develop a wood composite that outperforms all other composite trim products in moisture, rot and termite testing (test data is available upon request). Offers long term performance and durability.
Smooth on both sides	Sanded on both sides to meet caliper tolerances of +/- 0.005"
Homogeneous – one piece substrate	No voids or resin pockets to damage cutting and shaping equipment.
5-year limited warranty	Unprecedented in the product category.
Product offering and sizes	<p>Breadth of product line offers versatility: 1/2", 5/8", 3/4", 1", and 1 1/4" thickness 4' x 8', 4' x 16', 2' x 16' panels</p>
Treated with zinc borate	Zinc borate is an EPA-registered biocide and is a natural earth chemical. It is a wood preservative that provides protection from wood destroying organisms for wood composite materials. It is environmentally safe.
Handles like wood	Works with standard tools and practices; easy to handle, cut, machine and nail. Can be sandblasted, routed, carved and laser engraved.

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Green Benefits



SCIENTIFIC CERTIFICATION SYSTEMS
SCS-MC-01802

BENEFITS

At the heart of all CMI products is a commitment to an environmentally responsible manufacturing process.

- No old growth wood is used in the manufacture of Extira panels. They are made from leftover wood that is of no commercial timber value and is the byproduct of other operations. This wood is also detrimental to the overall vitality of the forest. CMI uses 100% northern hardwoods. All wood comes from an area within a 200 mile radius of the Towanda, Pennsylvania production facility.
- Extira panels have no added urea formaldehyde. This is certified by Scientific Certification Systems, certificate number SCS-MC-01802.
- Emission levels of formaldehyde from Extira panels are equivalent to trace levels found in the environment. Due to their physical composition, Extira panels are not subject to the California Air Resources Board's (CARB) Airborne Toxic Control Measure 93120 (ATCM).

Extira panels contribute credits to industry programs such as LEED® and NAHB – National Green Building Standard™

LEED for Commercial Interiors	Credits	Description
20% Regional Materials¹	MR 5.1	Use a minimum of 20% of the combined value of construction and Division 12 (Furniture) materials and products that are manufactured regionally within a radius of 500 miles.
10% Regional Materials¹	MR 5.2	In addition to the requirements of MR 5.1, use a minimum of 10% of the combined value of construction and Division 12 (Furniture) materials and products extracted, harvested or recovered, as well as manufactured, within 500 miles of the project.
LEED for New Construction and Major Renovations	Credits	Description
10% Regional Materials¹	MR 5.1	Use building materials or products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles of the project site for a minimum of 10% (based on cost) of the total materials value.
20% Regional Materials¹	MR 5.2	Use building materials or products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles of the project site for an additional 10% beyond MR Credit 5.1 (total of 20%, based on cost) of the total materials value.
No Added Urea Formaldehyde	EQ 4.4	Composite wood and agrifiber products used on the interior of the building (defined as inside of the weatherproofing system) shall contain no added urea formaldehyde resins.
LEED for Homes	Credits	Description
Nontoxic Pest Control	SS 5	In areas marked "moderate to heavy" on the termite infestation probability map, treat all cellulosic material with a borate product to a minimum of 3 feet above the foundation. MiraTEC trim contains zinc borate.
NAHB – National Green Building Standard	Credits	Description
Termite-resistant materials	602.8	Termite-resistant materials are used for the structural components and exterior claddings of walls, floors, roofs and exterior decks in geographical areas that have slight to moderate or greater subterranean termite infestation potential.
Resource-Efficient Materials	607.1 (2)	Products used contain fewer materials to meet the same end-use requirements as conventional production, including but not limited to engineered wood or engineered steel products.
No Added Urea Formaldehyde	901.4 (d)	85% of countertops, permanent shelving, and other nonstructural products manufactured in accordance with the following: composite wood or agrifiber panel products contain no added urea formaldehyde.

¹ dependent on project site location