

Longboard[®]

BETTER THAN WOOD



LONGBOARD[®] AND LEED[™]



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7 REASONS TO CHOOSE LONGBOARD®



Designing long-lasting, low maintenance, energy-efficient, sustainable buildings.

1. Superior Resistance. Longboard® is coated with Alluminate Premium Finishes, giving Longboard® Soffit, Siding and Privacy Screening superior UV resistance, high gloss and color retention when compared to vinyl, wood, fiber cement and other powder coated materials.

2. Better Than Wood. The Longboard® soffit, siding and trim accessories closely resemble the lines and patterns of wood without the worry of warping, rotting or combustibility.

3. Rain Screen Solution. The Longboard® Soffit & Siding system includes integrated rain screen, a top-to-bottom, side-to-side drying chamber. No extra labor or materials required.

4. Precision Installation. The 12 and 24 foot panel lengths means fewer seams and faster installations. There are no exposed fasteners to touch up or hide resulting in a clean, sleek finished look.

5. Low Maintenance. No staining, repairing, painting or replacing your soffit or siding. Just a periodic washing with mild soap and water is the owner's only maintenance responsibility.

6. Sustainability. Our pre-treatment process is CHROME-FREE and our powder coatings are VOC FREE. Longboard also has a long service life (usually the lifetime of the (home/building) saving the environment from the additional resource cost of manufacturing, installation, transportation, etc. for the same location.

7. External Insulation. Longboard® cladding has a custom Tclip and subgirt back framing system that allows for external continuous insulation to help meet the strict thermal performance standards of buildings.

LONGBOARD® AND LEED™

Ideal for architects, siding, remodeling and replacement contractors looking for a lasting, fade resistant woodgrain exterior. Longboard is maintenance free, 100% recyclable, will not warp, rot or split and is noncombustible. Longboard is also ideal for interior use as it gives off zero emissions and the manufacturing process is VOC (Volatile Organic Compounds) Free.

► Energy & Atmosphere

Optimized Energy Performance

EA Credit 1

Goal - Reduce energy use in building operation through a variety of means.

Solution - Save energy by using the Longboard backframing system which allows for exterior insulation. Exterior insulation has proven to be 40% more effective than interior insulation, decreasing demand on building HVAC systems.

Supporting Documents: Morrison Hershfield Report
“Thermal Performance of Longboard Architectural Sub-Girt System Cladding Clips”

► Materials & Resources

Construction Waste Management

MR Credit 2.1, 2.2

Goal - Divert construction and demolition debris from disposal in landfills and incineration facilities through recycling or salvaging.

Solution - Longboard aluminum soffit and siding is 100% recyclable.

Supporting Documents: The Aluminum Association “LEED™ Fact Sheet Aluminum Sheet & Plate for the Building & Construction Market”

► Materials & Resources

Regional Materials

MR Credit 5.1, 5.2

Goal - Use at least 10% of building materials and products that are extracted and manufactured within the region for 1 point and 20% of regionally collected materials for an additional point.

Solution - The majority (85%) of our aluminum is sourced from a supplier that is within 80 Kilometres of our plant.

Supporting Documents: APEX Aluminum Extrusions Ltd, “Regionally Sourced Materials”

► Materials & Resources

Durable Building

MR Credit 8

Goal - Minimize materials use and construction waste over a building’s life resulting from premature failure of the building and its constituent components and assemblies.

Solution - Aluminum siding can last up to 40 years or more if properly maintained.

Supporting Documents: InterNACHI’s Estimated Life Expectancy Chart

► Indoor Environmental Quality

Low-Emitting Materials: Paints and Coatings

IEQ Credit 4.2

Goal - Reduce the quantity of indoor air contaminants.

Solution - The high performance powder coating on Longboard products is completely VOC free.

Supporting Documents: Mayne Coatings Corp., "Aluminum Powder Coatings VOC Free Certification Letter"

► Indoor Environmental Quality

Thermal Comfort: Compliance

IEQ Credit 7.1

Goal - Provide a thermally comfortable environment that supports the productivity and well-being of building occupants.

Solution - The aluminum siding backframing system allows for external insulation, which helps the building to maintain an indoor level of comfort at greater energy efficiency than interior insulation solutions.

Supporting Documents: Morrison Hershfield Report
"Thermal Performance of Longboard Architectural Sub-Girt System Cladding Clips"

► Innovative Design

Innovation in Design

ID Credit 1

Goal - Employ sustainable strategies not specifically addressed in other LEED credits.

Solution - Longboard Siding & Soffit has a Super Durable Standard Powder Coating Finish called Alluminate that has all the aesthetic aspects of real wood. The unique sublimation process creates a believable woodgrain look while providing the durability needed on exterior products.

Supporting Documents: "Decoral Quality Book"
