

## Product Data Sheet



Description:	Foiled and sublimated extruded aluminum rainscreen cladding system
Uses:	Prefinished profile aluminum siding and soffit installed to form an exterior rainscreen assembly, or as an interior assembly, using concealed fasteners and extruded aluminum trim and accessory pieces.
Dimension:	15 x 1,2 x 365cm & 10 x 1,2 x 365cm
Material:	ENAW 6063 T5 Aluminum alloy for marine and offshore building, saltwater resistant
Surface:	High performance woodgrain film for outdoor use
Installation:	With a specially designed self-drilling shoulder screw, which ensures quick and easy assembly, and a tongue and groove connection

### Product Attributes and Characteristics:

- Extruded aluminum siding.
- Complete rainscreen system including all necessary clips and trim pieces
- High performance Foil available in an extensive variety of wood grains, metallic, and solid colors; custom colors and finishes also available
- Cladding dimensions allow for field adjustment and thermal movement and expansion.
- Two Siding profiles available: 10cm v-groove and 15cm v-groove

### Selection Criteria:

- Non-combustible (Class A fire rated)
- Maintenance free
- UV resistant
- Corrosion resistant
- 100% recyclable and LEED compliant
- Will not rot, warp, peel
- Installer friendly
- No insect infestation
- Non-toxic
- Sold by the box including 4 or 6 pieces
- Wide array of finishes available
- Offered as a complete extruded aluminum system including necessary fastener and trim pieces for a consistent, high-quality, and full installation

## American Society for Testing and Materials International (ASTM):

- ASTM E84, Standard Test Method for Surface Burning Characteristics of Building Material
- ASTM E136, Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750°C.
- ASTM E2768-11, Standard Test Method for Extended Duration Surface Burning Characteristics for Building Materials.



## International Organization for Standardization (ISO)

- ISO 9227:1990, Corrosion Tests in Artificial Atmospheres – Salt Spray Tests

## Packaging, Handling, Protection, Delivery & Storage

- Conform to manufacturer's ordering instructions and lead time requirements to avoid construction delays.
- Will deliver materials and components in manufacturer's cartons, properly labeled and fully identified by product name and brand. Prevents any damage during unloading, storing, and installation.
- Store, protect, and handle materials and components in accordance with manufacturer's recommendations to prevent any damages.
- Store materials off ground and keep clean, dry, and free of dirt and debris. Store away from areas with falling objects or other construction activity that may occur or cause damage.
- Do not store cartons in stacks more than 6 cartons high. Prevent contact with materials capable of causing discoloration, staining, denting, or other surface damage.

## Warranty:

All manufacturer's product warranties are against physical defects of systems and products that are properly installed and maintained according to the manufacturer's instructions and recommendations.

- Material: 10 year limited warranty guarantees against buckling, warping, rusting, corroding
- Foil: 10 year limited warranty guarantees against cracking, chalking, color retention

## Limitations:

Aluminum cladding must be separated from direct contact with dissimilar metals.

## SAFETY:

When dealing with any type of construction project, it is necessary to wear appropriate safety equipment to avoid any risk of injury. It is recommended but not limited to the following safety equipment being used when handling, cutting, and installing Lynx Siding: gloves, respiratory protection, long sleeves, pants, and safety glasses.

## Cost:

Contact appointed distributors for product and related costs.

## PRODUCT PROPERTIES

### MATERIALS, COMPOSITION, PROPERTIES

Material: 6063-T5 aluminum alloy  
architectural grade extruded aluminum

Trim Pieces, 6063-T5 alloy extruded  
aluminum

@ 10' (3050 mm) lengths

- H-Mold
- J-Mold
- Windows J-Mold
- Outside Corner
- Inside Corner



Other Components, 6063-T5 alloy extruded aluminum

@ 10' (3050 mm) lengths

- Hat Channel
- Hat Channel Vented
- Starter Strip

Fasteners

- 25mm long stainless steel shoulder screw

Others:

Touch Up Pen

## PROFILE SHAPE, MASS, AND DIMENSION

### 10cm V-Groove Siding and Soffit

- Size: 101mm profile face
- Profile lengths: 3650mm
- Thickness: 1,5mm aluminum
- Weight: 3,3kg per 3650mm Profile
- 8,8kg/m<sup>2</sup>

### 105m V-Groove Siding and Soffit

- Size: 152mm profile face
- Profile lengths: 3650mm
- Thickness: 1,5mm aluminum
- Weight: 4,1kg per 3650mm Profile
- 7,4kg/m<sup>2</sup>



## FINISHES

Selected by owner's representative from manufacturer's range

- Solid color and metallic finishes: foiled
- Decorative finishes (i.e. wood grain): foiled

## PRODUCT PLACEMENT

### PREPARATION

- Obtain dimensions and material take off measurements from job site before ordering product and fabricating material.
- Ensure structural support is properly aligned, installed correctly, and condition is acceptable and ready to receive cladding system. Review drawings that indicate areas to be clad with system.
- Building surfaces shall be smooth, straight, aligned, clean, dry, and free from defects detrimental to the flush and proper installation of the aluminum siding system. Notify Contractor of conditions not acceptable for installation of the system.
- Inspect product before installation and verify that there is no shipping damage; ensure proper handling and storage of all material.
- Do not install any damaged or questionable product; repair or replace as required for smooth, consistent, and high-quality finished appearance.

## INSTALLATION

- Ensure the requested amount of product has been received. Notify the manufacturer if order has not been properly filled.
- Install cladding and components in accordance with project drawings, and manufacturer's installation instructions.
- Ensure continuity of building envelope air barrier and vapor barrier systems.
- Do not install over cementitious materials, dissimilar metals, or pressure treated material without adequate barrier protection.
- Install starter strips, trims and corner pieces as required, in accordance with best practice, with all members plumb and true.
- Install siding and soffit material as required, maintaining joints are true to line, tight fitting, hairline joints. Locate joints over supports or use splicer piece as required to ensure structural stability. Fasten to supports using rain screen clips in an aligned, level, and plumb manner, using spacing recommended by manufacturer's installation instructions.
- Fasten and install components in a manner that does not restrict thermal movement. Coordinate installation with other outside components that relate to the cladding system.
- Install expansion control joints where indicated
- Apply isolation coating if areas of contact between dissimilar metals is otherwise unavoidable.
- Use the appropriate colored touch up pen to cover cut ends of exposed aluminum.

## LYNX DESIGNS

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