

TECHNICAL DATA SHEET

Aluminum siding – MAA Series

Siding panel for drained and back ventilated rainscreen systems

The MAA aluminum panel stands out for its sleek design and is mounted on tracks for a clean, streamlined look with no visible fasteners.

The Digital printing produces high-definition textures and colors that can mimic a wide variety of finishes, ranging from wood effects to contemporary surfaces, as well as artistic reproductions.

WOODGRAIN



STONE



INFINITE



PANELS SYSTEM DETAILS



1. ALUMINUM PANEL

4mm [0.16"] thick lattice composite panel, without fold or apparent fasteners.

2. PRIMER COAT

Specially formulated primer coat assures optimal adhesion between aluminum and ink.

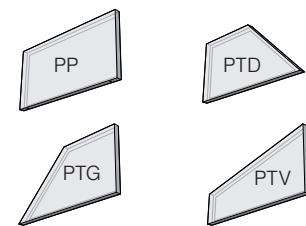
3. HD INKJET PRINTING

High-definition digital inkjet print reproducing a wide range of textures and outstanding color variations.

4. CLEAR COAT

A protective clear coat is applied to provide long-term protection against fading.

STANDARD PANEL SHAPES



Custom shapes and folds are available upon request.

General Specifications

SPECIFICATIONS

- Quick installation.
- Non-combustible.
- Moisture and mold resistant.
- Durable and fully recyclable at the end of its useful life.
- Customizable dimensions.

PERFORMANCE CRITERIA

- Maximum perimeter extrusion deflection under service loads is limited to L/180.
- Maximum panel deflection under service loads is limited to L/60.

MATERIAL

- Aluminum composite panel, thickness 4 mm (0.157").
- Series 6000 aluminum perimeter extrusions and accessories, thickness 3.2 mm (0.125").

FINISH

- Printed finish.

TESTS AND CERTIFICATIONS*

- CAN/ULC S102 - Fire Resistance
- ASTM E84 - Fire Resistance
- ASTM D3359 - Adhesion testing
- ASTM D6578 - Graffiti Resistance
- ASTM D1037 - Screw pull out strength

USAGE

- Outdoor use as exterior wall siding.*†

*To use these panels in a rainscreen system, the backing wall must be designed according to local building codes and standards in force by a competent building envelope professional.

† For buildings of 20 m (65'-6") or less in height with static wind pressures of 1.25 kPa (26 psf) or less. For buildings taller than 20m, an engineer must approve the strength of the panel substructure.

For any other application, contact Maibec's technical service.

TECHNICAL DATA SHEET

Aluminum siding – MAA Series (continued)

Technical Specifications

DIMENSIONS

- Panel between 152.4 mm x 304.8 mm (6" x 12") and 1219 mm x 2438 mm (48" x 96")
- Relief: 19.1 mm (0.75")
- Joints: 19.1 mm (0.75")

TOLERANCES

- ± 1.6 mm (± 0.0625 ") for panel dimensions.

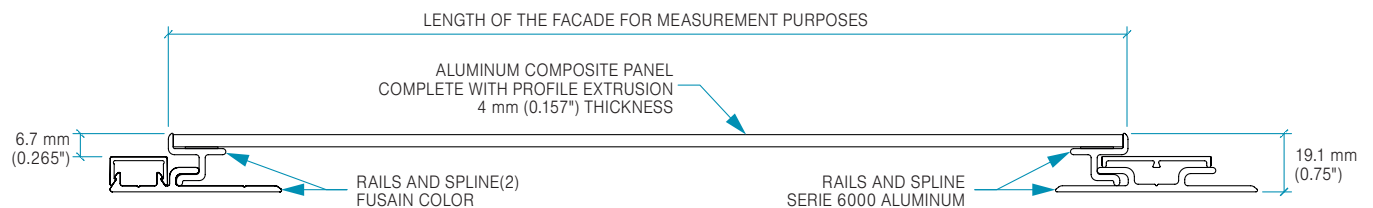
INSTALLATION

- The installer is responsible for sizing perimeter supports and their fasteners.
- He is also responsible for choosing minimum spacing and sizing of the panel fasteners.

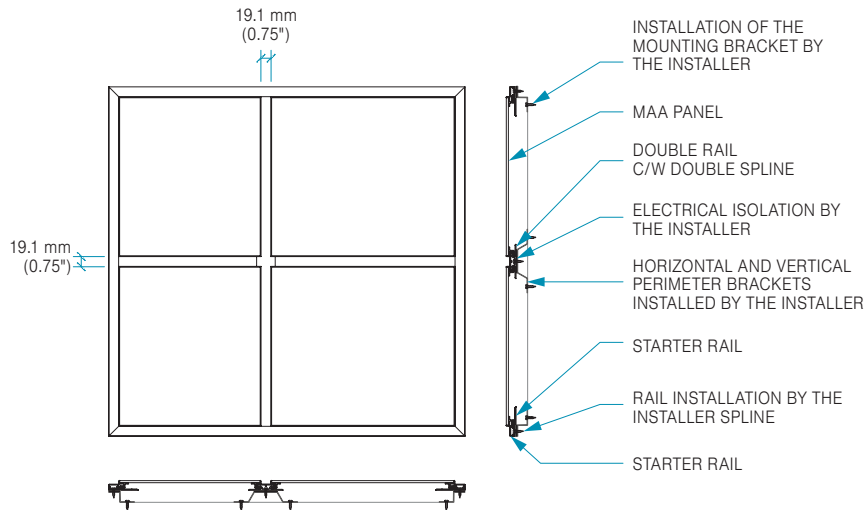
WEIGHT

Component	Weight
Panel c/w profile extrusion	5.14 kg/m ²
Strater strip	0.416 kg/m
Starter spline	0.122 kg/m
Double rail	0.541 kg/m
Double spline	0.172 kg/m

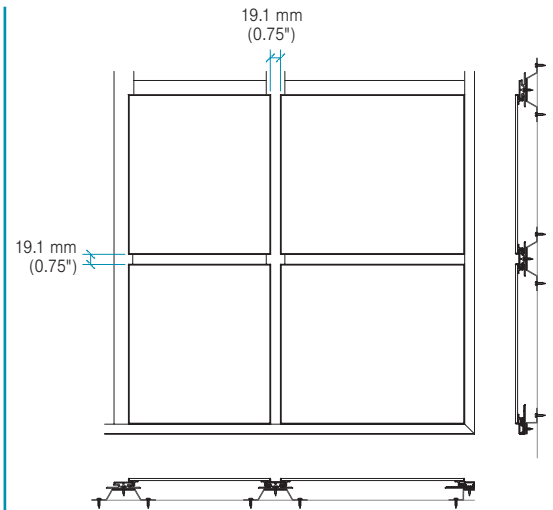
Technical Details



FRAMED INSTALLATION



PARTIAL WALL VIEW



ACCESSOIRES (included with the panels)



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