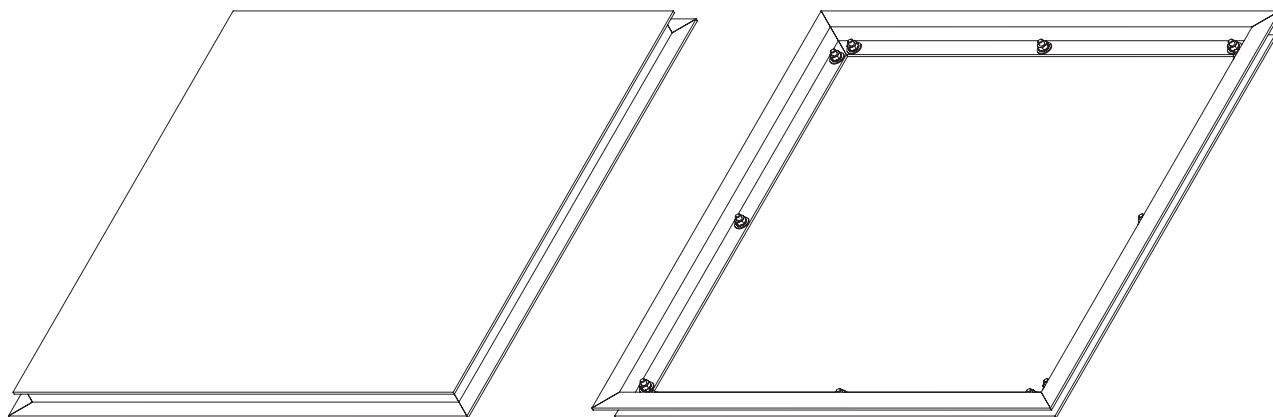


MAP Series Data sheet MAP-01

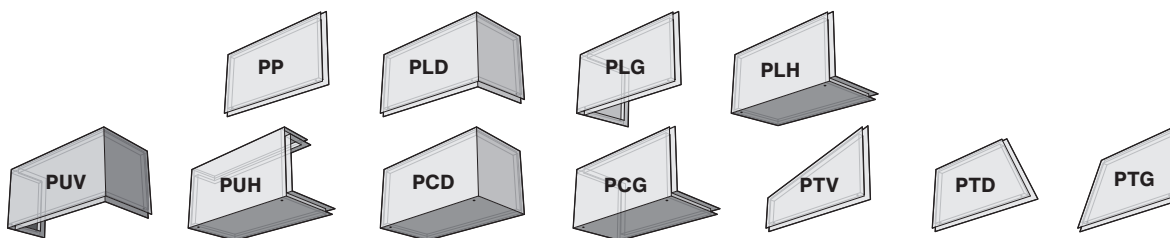
Siding panel for drained and back ventilated rainscreen systems

MAP-01 is an architectural panel made out of durable premium aluminum, and recognized for its floating appearance thanks to its concealed fasteners.

ISOMETRIC VIEW



STANDARD FOLDS



Custom shapes and folds are available upon request.

General Specifications

SPECIFICATIONS

- Quick installation.
- Non-combustible panels.
- Durable and fully recyclable once it reaches the end of its useful life.
- Eco-friendly (solvent free) powder coating providing more stable and resistant colours over time.

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

- 5000 series aluminum panel, 3.2 mm (0.125") thick.
- 6000 series aluminum perimeter extrusions, 3.2 mm (0.125") thick.

FINISH/COLOUR

- Electrostatic powder coating in accordance with AAMA 2604, and 2605 standards.
- Colour at the customer's choice.

USAGE

- Outdoor use as exterior wall siding.*†
- Indoor use as decorative panels.

*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.

MAP Series

Data sheet MAP-01 (continued)

Technical Specifications

DIMENSIONS

- Rectangular panels between 114.3 mm x 304.8 mm (4.5" x 12") and 1473.2 mm x 3606.8 mm (58" x 142").
- Square panels between 152.4 mm x 152.4 mm (6" x 6") and 1473.2 mm x 1473.2 mm (58" x 58").
- Relief: 25.4 mm (1").
- Joints: 22.2 mm (0.875").

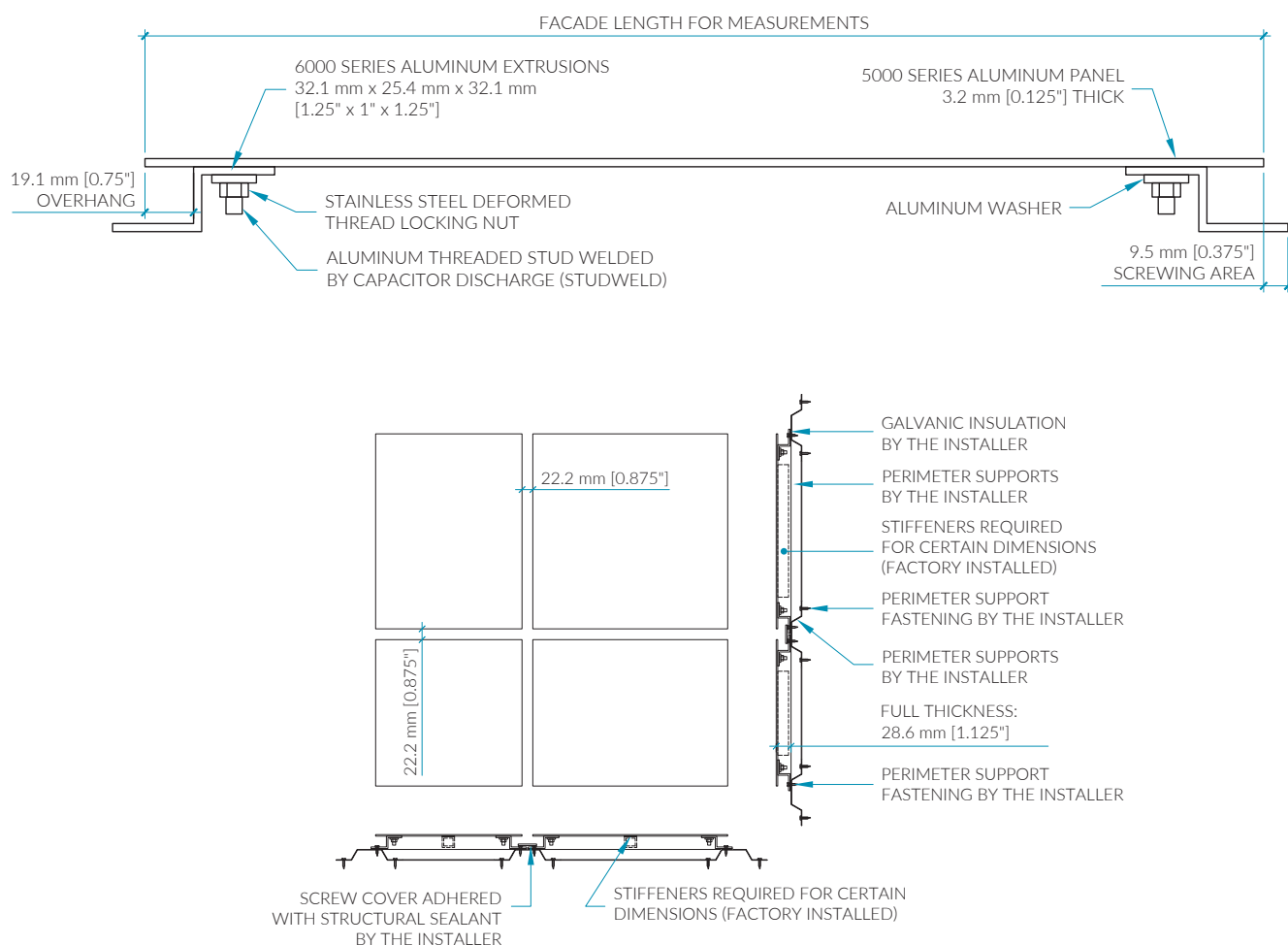
TOLERANCES

- ± 1.6 mm (± 0.063 ") for extrusion positioning.
- ± 0.79 mm (± 0.031 ") 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.

Technical Details



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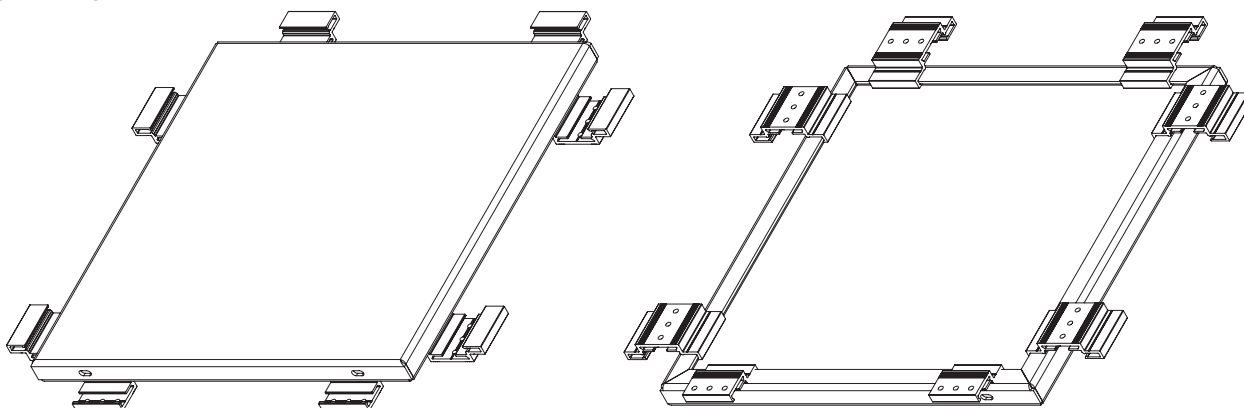
MAP Series

Data sheet MAP-02 | 3.2 mm

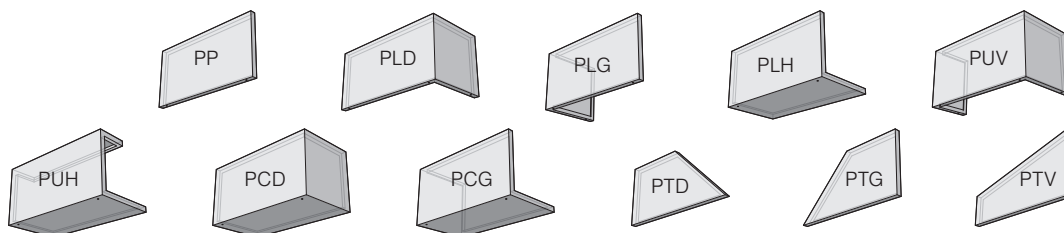
Siding panel for drained and back ventilated rainscreen systems

MAP-02 is an architectural panel entirely built out of high quality, durable aluminum and is designed with concealed brackets.

ISOMETRIC VIEW



STANDARD FOLDS



Custom shapes and folds are available upon request.

General Specifications

SPECIFICATIONS

- Thermal expansion enhanced brackets.
- Quick installation.
- Non-combustible panels.
- Eco-friendly (solvent-free) powder coating providing more stable and resistant colours over time.
- Durable and fully recyclable once it reaches the end of its useful life.

PERFORMANCE CRITERIA

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

MATERIAL

- 5000 series aluminum. 3.2 mm (0.125") thick.
- Extruded 6000 series aluminum brackets.

FINISH/COLOUR

- Electrostatic powder coating in accordance with AAMA 2604, and 2605 standards.
- Colour at the customer's choice.

USAGE

- Outdoor use as exterior wall siding.*†
- Indoor use as decorative panels.

*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.

MAP Series

Data sheet MAP-02 | 3.2 mm (continued)

Technical Specifications

DIMENSIONS

- Rectangular panels between 101,6 mm x 406,4 mm (4" x 16") and 1397 mm x 3531 mm (55" x 140").
- Square panels between 406,4 mm x 406,4 mm (16" x 16") and 1397 mm x 1397 mm (55" x 55").
- Panel Thickness: 25.4 mm (1").
- Assembly Thickness: 38.6 mm (1.520").
- Joints: 19.1 mm (0.750").

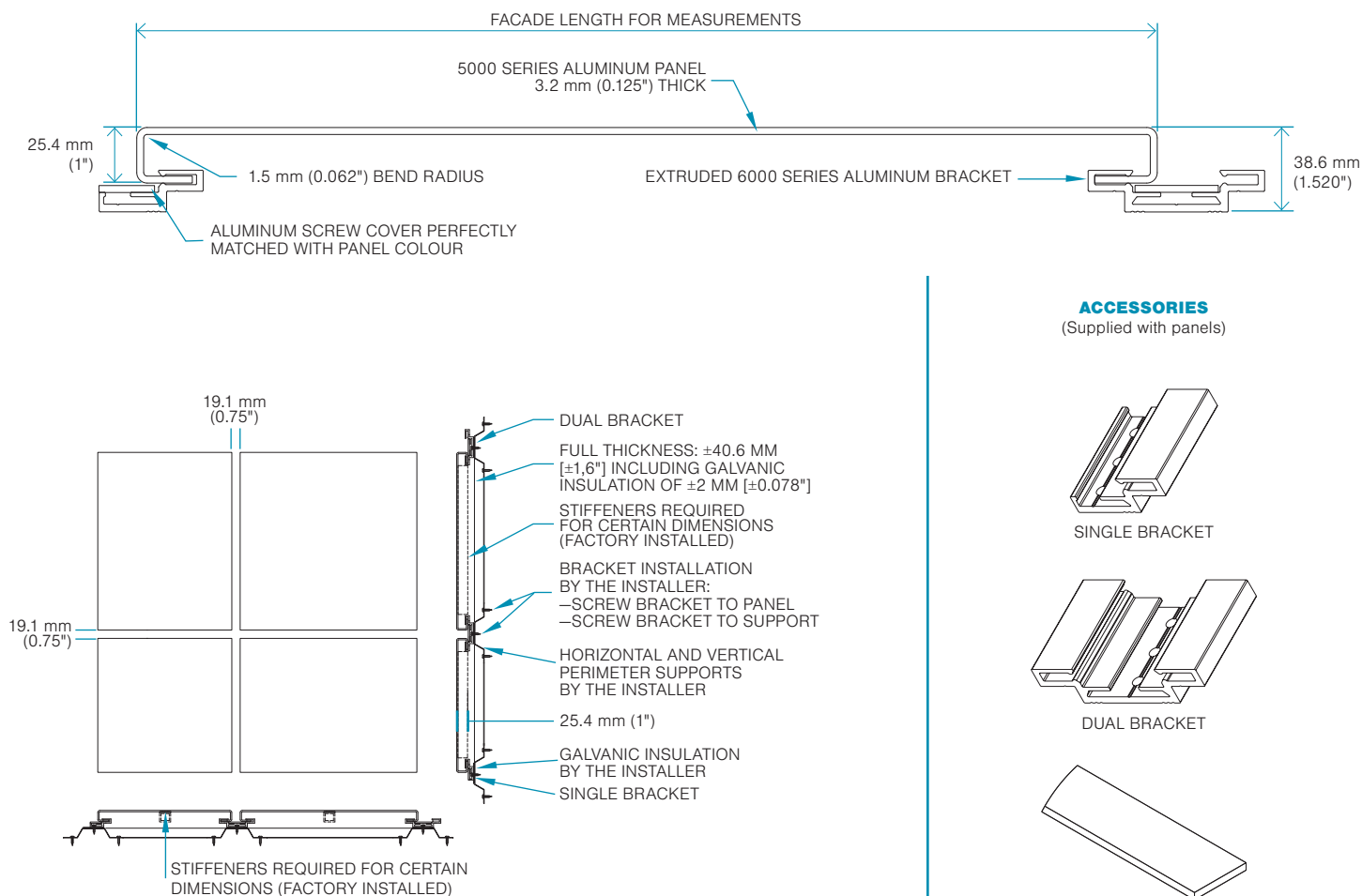
TOLERANCES

- ± 0.4 mm (± 0.015 ") from panel dimensions.
- At most, 1/1000 deviation from gross dimensions when squaring.

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.

Additional specifications



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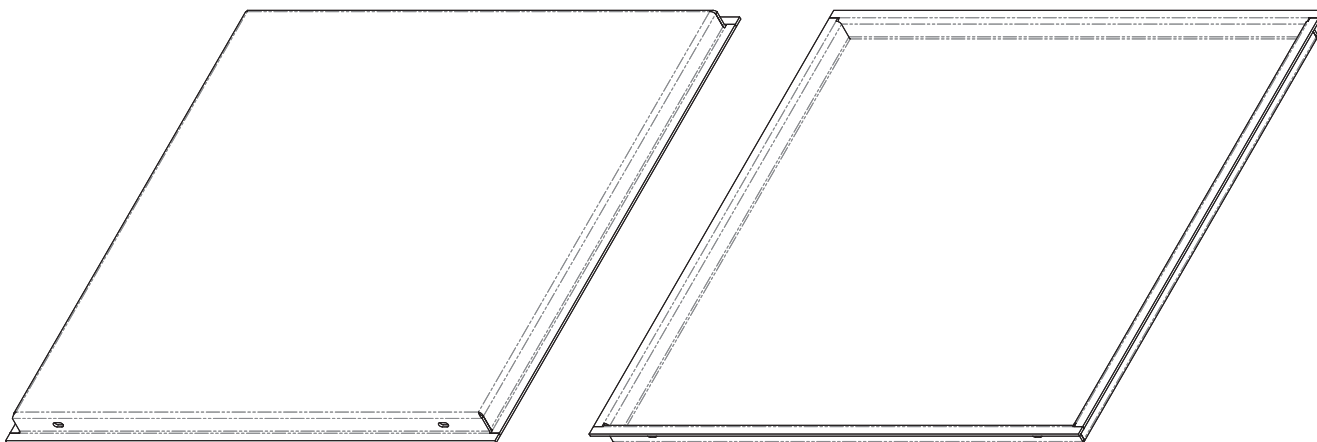
MAP Series

Data sheet MAP-03 | 2 mm

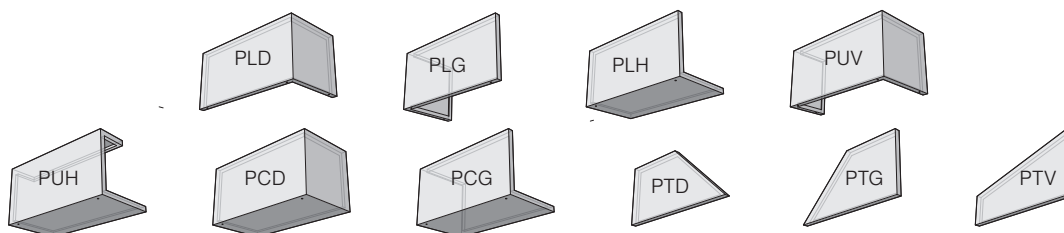
Siding panel for drained and back ventilated rainscreen systems

MAP-03 is an architectural panel entirely built out of durable aluminum for which fasteners will remain visible.

ISOMETRIC VIEW



STANDARD FOLDS



• Custom shapes and folds are available upon request.

General Specifications

SPECIFICATIONS

- Quick installation.
- Non-combustible panels.
- Durable and fully recyclable once it reaches the end of its useful life.
- Eco-friendly (solvent free) powder coating providing more stable and resistant colours over time.

PERFORMANCE CRITERIA

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

MATERIAL

- Aluminum 5000 series 2 mm (0.080") thick.

FINISH/COLOUR

- Electrostatic powder coating in accordance with AAMA 2604, and 2605 standards.
- Colour at the customer's choice.

USAGE

- Outdoor use as exterior wall siding.**
- Indoor use as decorative panels.

**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.

MAP Series

Data sheet MAP-03 | 2 mm (continued)

Technical Specifications

DIMENSIONS

- Rectangular panels between 127 mm x 406.4 mm (5" x 16") and 1220 mm x 1200 mm (48" x 48").
- Square panels between 406.4 mm x 406.4 mm (16" x 16") and 1220 mm x 1200 mm (48" x 48").
- Relief: 28.6 mm (1.125").
- Joints: 28.6 mm (1.125").

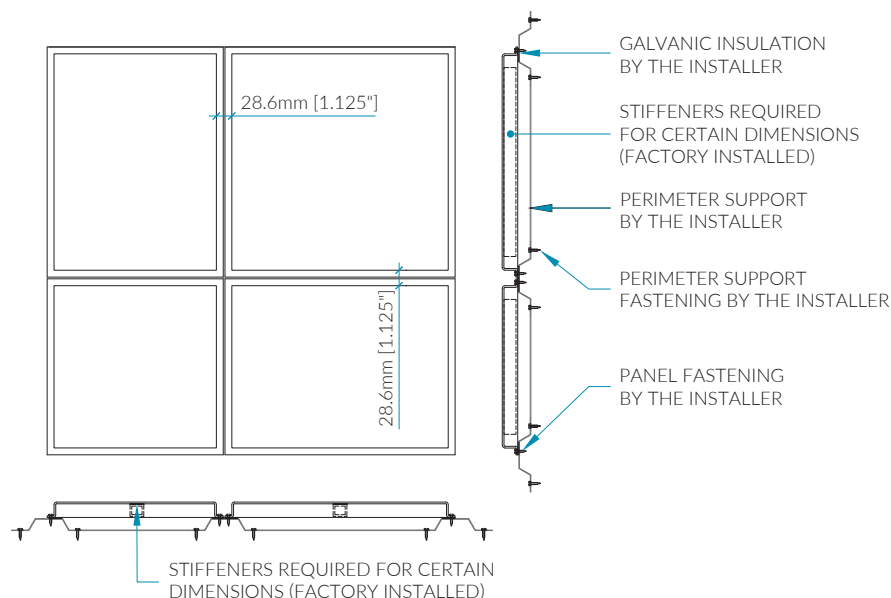
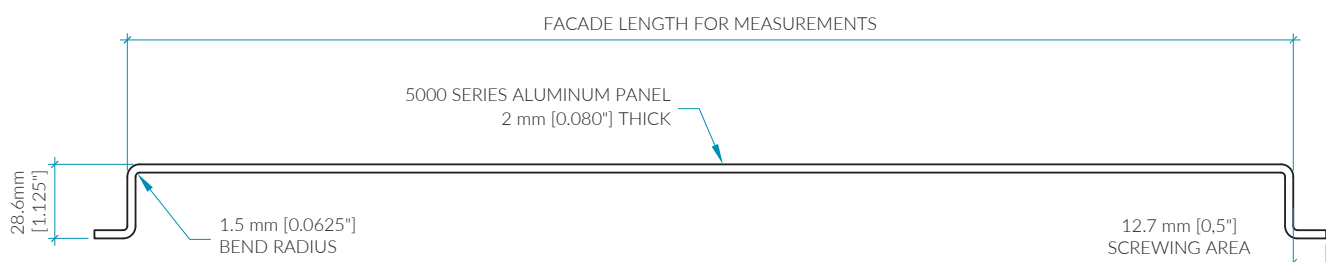
TOLERANCES

- ± 1.85 mm (± 0.063 ") 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.

Additional specifications



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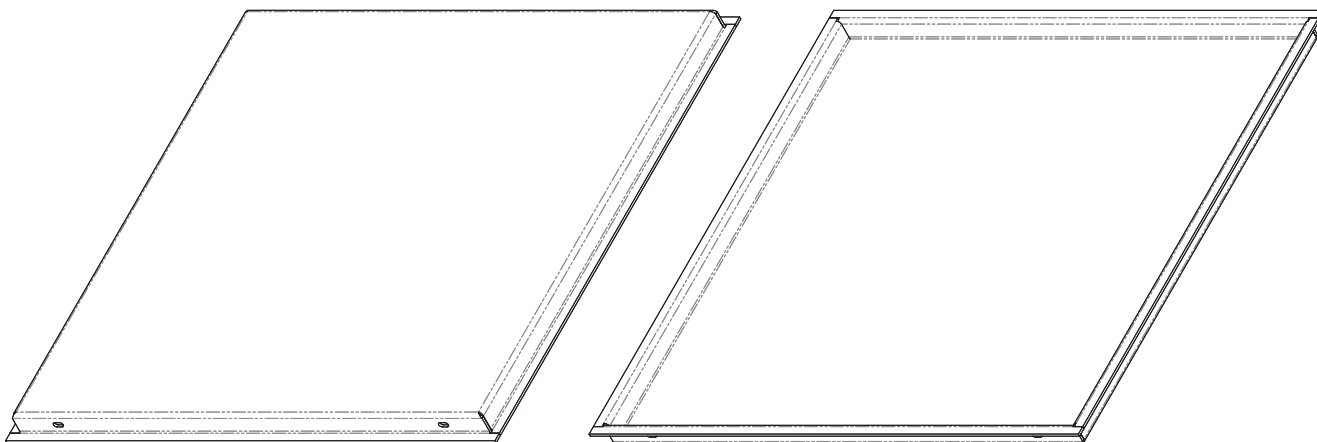
MAP Series

Data sheet MAP-03 | 3.2 mm

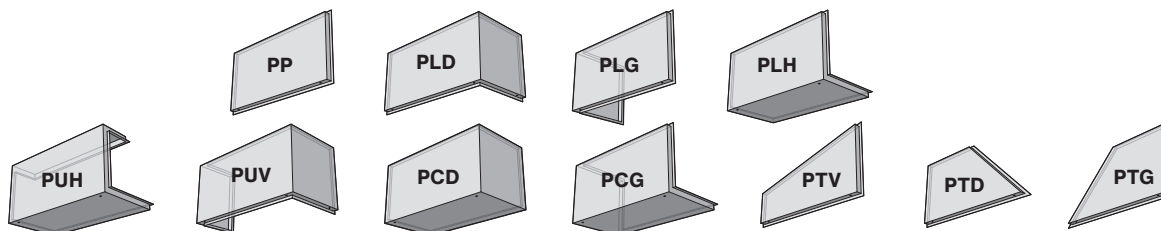
Siding panel for drained and back ventilated rainscreen systems

MAP-03 is an architectural panel entirely built out of durable aluminum for which fasteners will remain visible.

ISOMETRIC VIEW



STANDARD FOLDS



• Custom shapes and folds are available upon request.

General Specifications

SPECIFICATIONS

- Quick installation.
- Non-combustible panels.
- Durable and fully recyclable once it reaches the end of its useful life.
- Eco-friendly (solvent free) powder coating providing more stable and resistant colours over time.

PERFORMANCE CRITERIA

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

MATERIAL

- Aluminum 5000 series 3.2 mm (0.125") thick.

FINISH/COLOUR

- Electrostatic powder coating in accordance with AAMA 2604, and 2605 standards.
- Colour at the customer's choice.

USAGE

- Outdoor use as exterior wall siding.*†
- Indoor use as decorative panels.

*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.

MAP Series

Data sheet MAP-03 | 3.2 mm (continued)

Technical Specifications

DIMENSIONS

- Rectangular panels between 127 mm x 406.4 mm (5" x 16") and 1397 mm x 3530.6 mm (55" x 139").
- Square panels between 406.4 mm x 406.4 mm (16" x 16") and 1397 mm x 1397 mm (55" x 55").
- Relief: 28.6 mm (1.125").
- Joints: 28.6 mm (1.125").

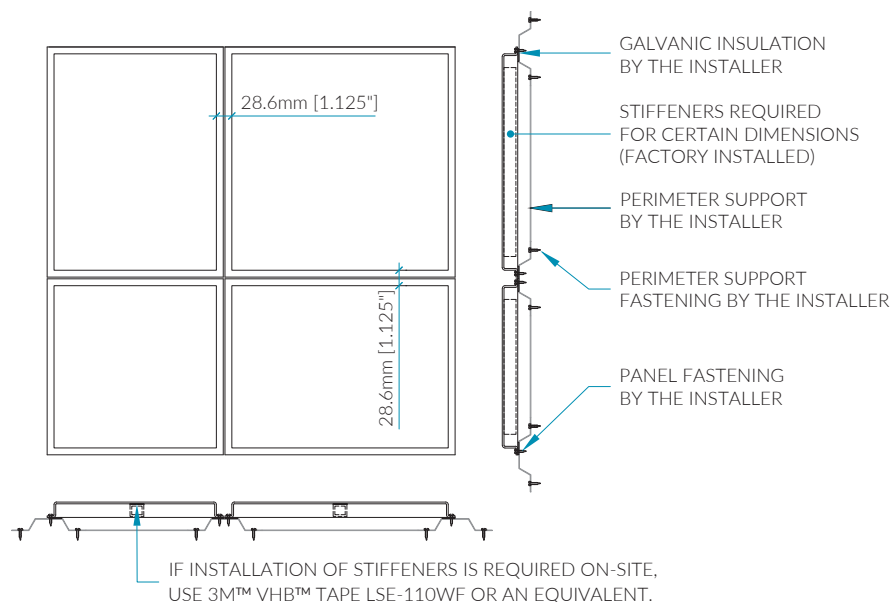
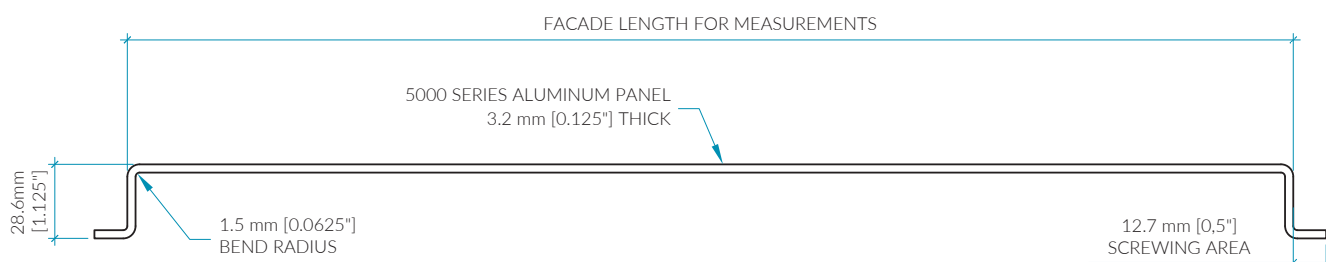
TOLERANCES

- ± 1.85 mm (± 0.063 ") 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.

Additional specifications



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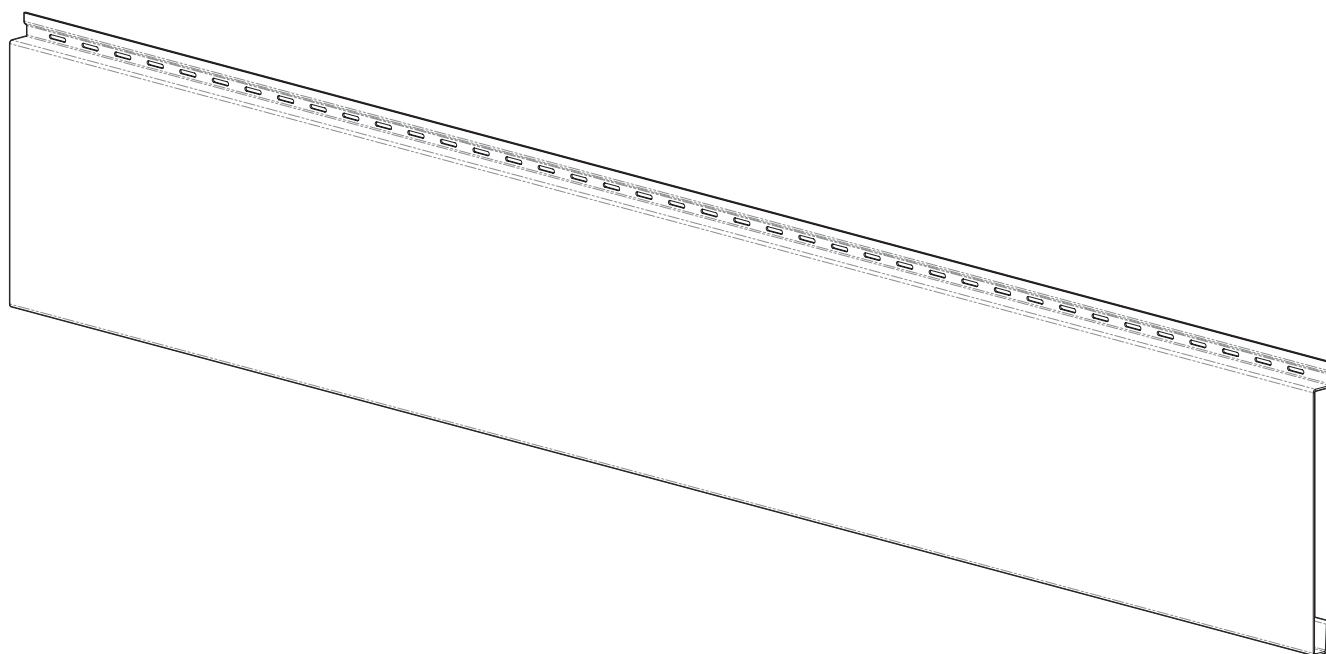
MAP Series

Data sheet MAP-12 / MAP-16

Siding board for drained and back ventilated rainscreen systems

MAP-12 / MAP-16 are a durable aluminum architectural boards, which can be installed both vertically and horizontally.

ISOMETRIC VIEW



General Specifications

SPECIFICATIONS

- Quick installation; customizable on site.
- Non-combustible panels.
- Durable and fully recyclable once it reaches the end of its useful life.
- Eco-friendly (solvent-free) powder coating providing more stable and resistant colours over time.

PERFORMANCE CRITERIA

- Maximum transverse deflection under service loads is limited to L/60.
- Maximum axial deflection under service loads is limited to L/180.

MATERIAL

- Aluminum 5000 series 2 mm (0.080") thick.

FINISH/COLOUR

- Electrostatic powder coating in accordance with AAMA 2604, and 2605 standards.
- Colour at the customer's choice.

USAGE

- Indoor use as decorative boards.
- 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.

MAP Series

Data sheet MAP-12 / MAP-16 (continued)

Technical Specifications

DIMENSIONS

- Height:
 - MAP-12** - 304,8 mm (12") and
 - MAP-16** - 406,4 mm (16").
- Length:
 - 304.8 mm to 3632.2 mm (12" to 143").
- Other dimensions can be achieved on request.

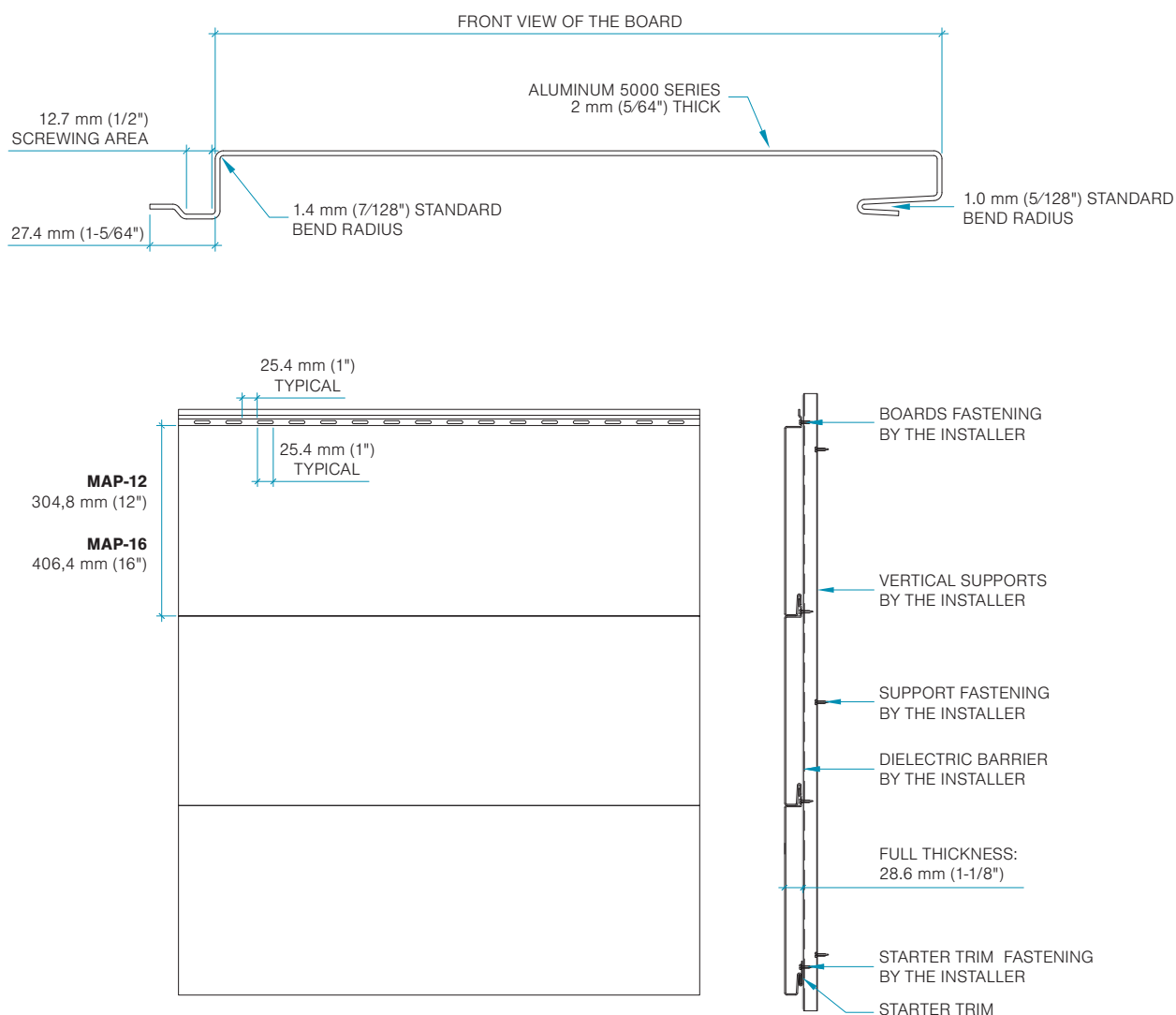
TOLERANCES

- ± 0.127 mm ($\pm 1/1064$ ") over the board's length.

INSTALLATION

- The installer is responsible for sizing the board's substrate.
- He is also responsible for choosing minimum spacing and sizing of the board fasteners.

Technical Details



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