

Versa Axes
12 in x 1 in x 3 ft to 60 ft

DESCRIPTION

Designed for wall applications and vertical, horizontal, or diagonal installation, Versa Axes redefines the expression of steel cladding through a series of embossed patterns that create rhythm, texture, and movement across large surfaces. Versatile and contemporary, it enables the creation of unique, dynamic façades while delivering the durability and performance of steel.

WARRANTY

Since we use a superior grade of steel and an unparalleled painting process that ensures longevity, MAC offers its customers a 40-year Quiet Guarantee.



INSTALLATION WARRANTY

In the event that a problem occurs during the installation of the profiles, it is important to report the situation immediately to your supplier before proceeding with the rest of the installation. For Versa Axes profile, the supplier must be notified prior to the installation of 500 sq. ft. Beyond 500 sq. ft. the installer is responsible for the installation.

PRODUCT SPECIFICATIONS

Dimensions	
Standard length	3 ft to 60 ft Custom made according to plans and specifications *Optimized recommended for lengths over 10 feet
Height (covered)	12 in (305 mm)
Thickness (width)	1 in (25.4 mm)
Weight (per panel)	24 g 1.32 lb/ft ² (0.6 kg/ft ²) 22 g 1.65 lb/ft ² (0.75 kg/ft ²)
Screw holes (openings)	0.75 x 0.1875 in (19 mm x 4.8 mm)
Screw holes intervals	1.5 in (39.1 mm) OR 2.25 in (57.2 mm)
Available gauge Galvanized Z275 (G90) 33SS (230) grade steel as per ASTM A653/A653M	
Gauge	24 - 22 g
Packaging details	
Single package size	26 1/2 in x 31 7/8 (max) x custom length 50 panels
Installation direction	
Installation orientation	horizontal vertical diagonal

Each pattern offers a structured composition that ensures a visual continuity across large surfaces.

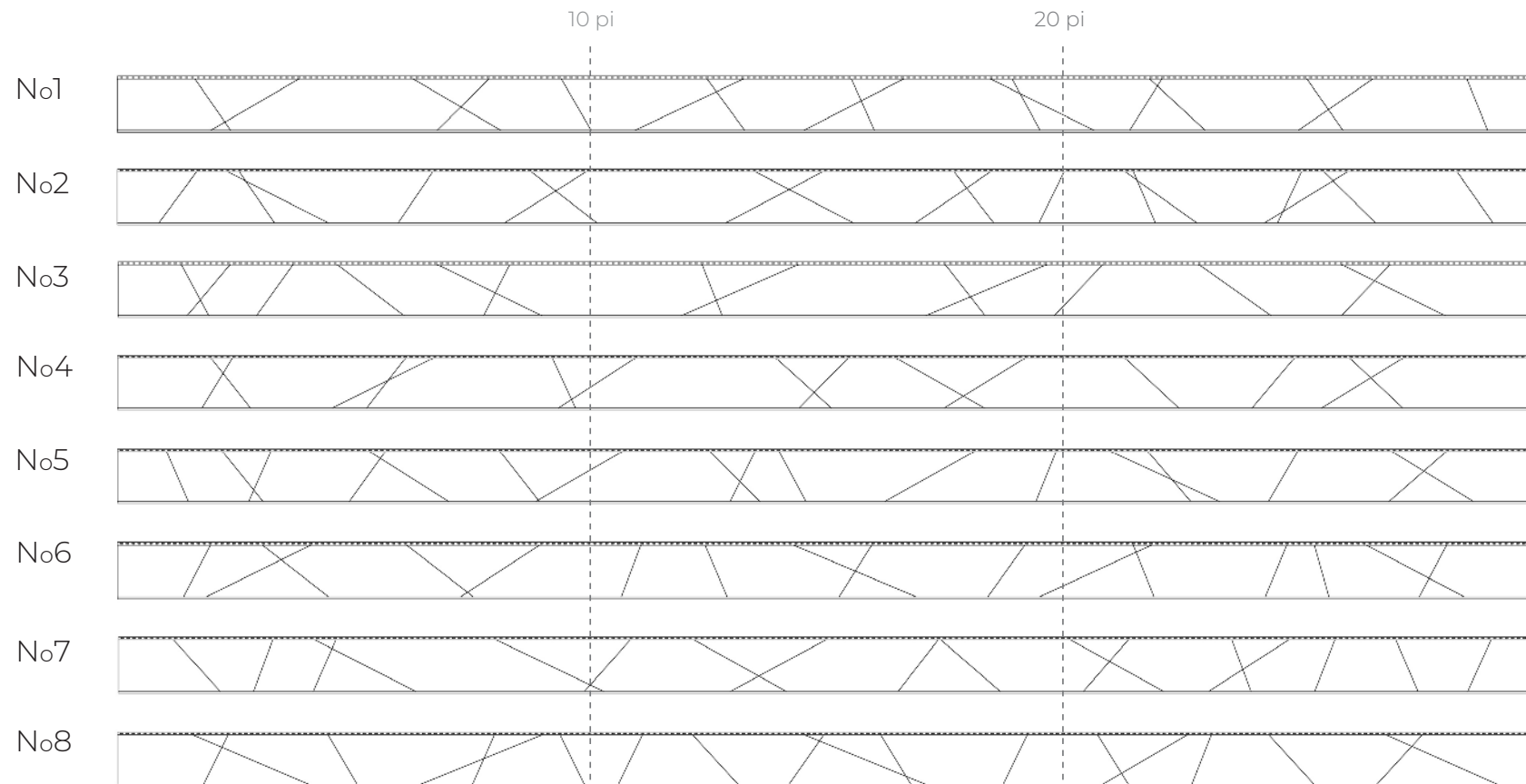
Depending on your architectural intent, you can:

- select specific patterns to create a controlled graphic layout
- or opt for a mix of all 8 patterns to achieve a more organic and evolving effect

The Versa Axes profile is available in custom lengths from 3 to 60 feet.

* Recommend optimal length of 10 ft.

PATTERN AVAILABLE BY PANEL SIZE



* The dotted lines on the drawings are only guidelines to indicate the length of the pattern

TESTS

WIND RESISTANCE

Resistance to overload due to uniformly distributed static pressure-related winds, according to ASTM Standard D5206-06a.

Resistance type	Pressure
Breaking pressure of a component Failure mode - nailing tape (16 in c/c)	3830 Pa (80 psf)
Breaking pressure of a component Failure mode - nailing tape (24 in c/c)	3112 Pa (65 psf)

FIRE RESISTANCE

- Tested to ASTM-E2768 for use in non-combustible construction in Wildland Urban Interfaces in California (required for WUI listing).
- Tested as per CAN/ULC-S135 for use in non-combustible constructions.
- Tested as per ASTM E84 for non-combustible construction (Class A category).
- Classified 0 Flammability Hazard, according to the NFPA Rating Explanation Guide.

TYPE OF TEST	DESCRIPTION	STATUS
CAN/ULC-S135	Fire resistance (CAN)	Compliant
ASTM E84	Fire resistance (USA)	Class A
W.U.I.	Wildland Urban Interface accreditation	Inscription 8140-2358-0500
ASTM D5206-06A	Maximum sustained pressure	3830.4 Pa (80 psf) 16 in c/c 3112.2 Pa (65 psf) 24 in c/c 2453.9Pa (51.3 psf) 36 in c/c 2384.3Pa (49.8 psf) 48 in c/c
ASTM E330	Plank deflection under wind pressure (Tested for these variables, the results are available upon request)	16 in c/c + 3100 Pa - 3100 Pa 24 in c/c + 3000 Pa - 3100 Pa
ASTM E283	Air leakage of the wall assembly	Compliant
FBC	Florida Building Code accreditation	In progress
TDI	Texas Department of Insurance accreditation	In progress
Miami Dade, ASTM E1886, E1996, TAS 202 & TAS 203	ZHLA.63 Hurricane Resistance accreditation	Non-tested

TEXTURAL III & IV PAINT SYSTEM

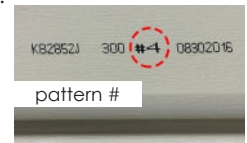
We apply TEXTURAL paint technology to all of our products to ensure their superior quality. Each of the colors from the wide range we offer create unparalleled depths of hue and texture, perfectly reproducing noble materials such as oxidized copper, zinc, and wood, while eliminating unwanted glare from the sun through clean matte surface finishes.

IMPORTANT | NUMBERED PATTERN

Panels are identified on both the front and back by a bold numbered sequence preceded by the # symbol:

- from 1 to 8 for standard panels
- from 1 to 4 for corner panels

Special attention should be given to this identification during installation when following a specific layout or design intent. Otherwise, panels may be installed randomly to create a more organic and dynamic visual effect.



ENVIRONMENT | SPECIFIC EDP, HPD AND EDS

Placing the environment at the heart of our priorities, all of our products are made from 86% recycled material and are 100% recyclable at the end of their life.

We are committed to offering sustainable, long-lasting products made exclusively from premium North American steel. Our materials are designed to support responsible building practices and can contribute to the achievement of LEED certification. To learn more, we invite you to consult our Environmental Product Declarations (EPD) and Health Product Declarations (HPD) available on our Environmental page.



ASSEMBLY

- Comply with the manufacturer's requirements, recommendations, and written specifications, including any available technical bulletins such as the installation guide, installation videos available on the manufacturer's web page, and instructions on the web page and in the product catalog.
- Panels can be joined along their length by an S clip (junction clip) at the notched ends of the cladding panels.

INSTALLATION SURFACES

- On plywood (minimum thickness 5/8 in)
- On wood furring (16 in [406 mm] center/center)
- On metal furring (16 in [406 mm] center/center)
- It is important to leave a 1/8-inch (3.175 mm) space between two sheets for material expansion.

Note: All furring strips must be level horizontally and vertically to permit installation according to accepted practice and to obtain a good final installation result.

FIXATION

- M10G starter strip must be installed as an invisible clip at the bottom of the walls behind the Versa Axes profile. It must be carefully leveled, as it will determine the straightness of the straightness of the work, whether or not it is installed in combination with drip molding.
- Before starting the installation, refer to the videos and installation guides to make sure you have all the tools and accessories you need to start the installation.
- A methodical verification of the work must be done every 3 or 4 sheets in order to detect to detect possible anomalies.
- Continuous installation of drip moldings, starter moldings, inset/outset corner pieces, corner pieces, borders, soffits, moldings adjacent to doors and windows according to the manufacturer's recommendations.
- Install furring beforehand to provide continuous support for the installation of the siding, which is necessary to ensure a straight and level installation.
- Furring at 16 in (406 mm) to 24 in (610 mm) intervals.
- For high-rise buildings or buildings that are highly exposed to winds, additional caulking of the panels is recommended inside the female part of their staple in 1/2 x 1-inch strokes at 24-inch intervals using the sealant recommended by MAC and according to the wind resistance requirements set by the architect and the tests carried out by MAC Metal.
- When there are several floors to be covered, it is important to put a horizontal expansion moulding on all floors if the structure is made of wood, or at every 30 feet if the structure is made of steel.
- For horizontal installation of the panels, installation goes from bottom to top. When panels are laid horizontally, the ends of the panels must be reinforced with a 1/2 or 1-inch (13 or 24.5 mm) fold at a 90-degree angle minimum using a MAC metal bending hand tool and by pre-cutting the excess parts of the clips, or by installing a clip of MAC reinforcement planned for this purpose.
- For vertical or diagonal installation, the lower ends of the panels must be reinforced with a 1-inch (25 mm) fold at a 90-degree angle by pre-cutting the excess parts of the clips. The upper ends of the panels must also be reinforced with a 1/2 or 1-inch (13 or 24.5 mm) fold at a 90-degree angle minimum. If the panels are to be installed horizontally, the installation starts from the bottom upwards.
- Installation of the MAC siding products on ZIP R-sheathing panels and other dual composite panels with a softer material than wood is not recommended. This type of panel doesn't offer a good rigid mounting surface for the MAC products and will allow for movement and deformation under varying weather and sun exposure transferring into oil canning.

FASTENING

MAC is proud to offer you a screw system adapted to its profiles. The screws used to screw our products must meet the STM B-117 2000h standard. The use of MAC screws designed for our profiles is strongly recommended.

Use the MAC High-End Century K-LATCH Screw or MAC Self-Drilling K-LATCH Screw (1 1/8 or 2 1/2 in) depending on the type of furring or surface to be fastened.

The screws should be set with moderate contact on the clip part of the panel to avoid impeding the expansion of the metal. The screws must not exert any upward or downward pressure to avoid deforming the siding or opening the panels at the joints. Remove the protective film from the siding prior to installation to facilitate a good visual inspection of the quality of the installation and in order to make appropriate corrections as installation progresses.



A058.250
K-LATCH High-End
Century Screw
1.25 in



A053.250
K-LATCH
Self-Drilling Screw
1.25 in



ACCESSORIES & MOLDINGS

With an eye for detail, MAC offers a series of accessories compatible with its profiles to ensure a perfect finish. Discover our moldings, arches, soffits, vents, screws, and snow gates offered in our unique color series.

All standard moldings such as transition trim, inside/outside corners, and drip moldings are available from the MAC manufacturer or distributors in 10 ft (3048 mm) lengths. Please refer to the website for the complete molding and flashing guide. Custom moldings are available in 10 ft (3048 mm) lengths upon request. They can be manufactured by MAC or by a forming company from flat rolls supplied by MAC.

RESOURCES

To help you in the realization of your project, we have made all of the CAD, REVIT, and DWG drawings, as well as the videos and technical guides of our profiles, available for you to use on website. Find these resources in the PRO Space of each.

