

M TALUNIC

INSTALLATION GUIDE

BOARD & BATTEN

January 2025

For more information on Board & Batten siding, please visit our website

[metalunic.com](https://www.metalunic.com)

or contact us directly

(450) 267-2330

WARNING

Like any other metal siding, this product may have sharp edges. It is therefore important to handle the product with caution. We recommend you wear the proper protective equipment: boots, helmet, goggles and safety gloves.



GUARANTEE

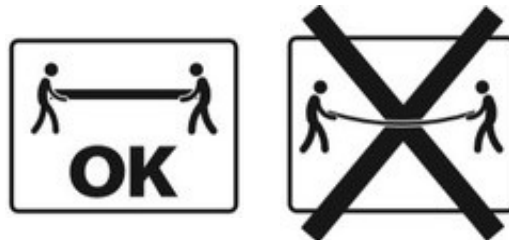
For the guarantee to be honored, installation must be carried out following your region's established building code standards and as recommended by the manufacturer. Should a problem occur when installing the panels, it is important to notify Metalunic before the installation of about 5 panels to ensure that the guarantee applies. *For more information, refer to the guarantee.*

RECEPTION AND INSPECTION

Upon receiving Board & Batten siding, it is important to inspect the product immediately. Should there be a mistake with the order, or damaged panels, your supplier must be notified as quickly as possible.

HANDLING

Handle the panels individually, with care and always lift them on their side, never flat, in order to avoid paint defects and warping the product.



STORAGE

To maintain the aesthetic and physical properties of Board & Batten metal siding, it is important to follow certain storage guidelines. If delivered by the manufacturer, the material should already be on 12-foot wooden pallets, covered with protective canvas. Carefully follow the unpacking instructions listed on the packaging to avoid damaging the material.

If the siding cannot be installed immediately upon receipt, or in any time during wintertime, store the material indoors in a dry, temperate, and ventilated area until ready for installation. Outdoor storage is at the customer's risk.

If the product must absolutely be stored outdoors (not recommended as per the Warranty), at least ensure that the storage area of the panels and any other moldings and/or accessories is sheltered from direct exposure to the sun, rain and extreme outdoor temperatures. Using a tarp to protect the product is also recommended. Before installation, the material should be stored for 24 to 48 hours in a temperate, dry and ventilated area.

THE NUANCED WOOD SERIES

The Nuanced Wood Series features a shaded paint system that reproduces the look of real wood. During installation, make sure the planks are laid randomly to avoid repeating the same colors (3 shades) and having to correct the installation later.

TOOLS AND ACCESSORIES

To install Board & Batten siding, we suggest the following tools and accessories:



Spirit or laser level



Sheet metal shears



Tape measure



Drill/driver



Edge folding tool



Hand seamer



Caulking gun/caulking



Touch-up paint



Wood screws #8 1 1/8"



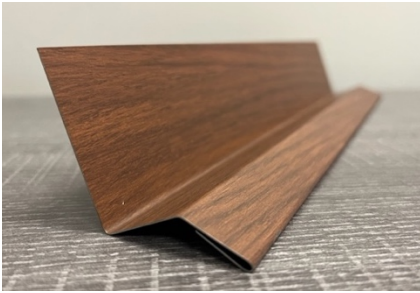
Metal screws #8 1/2"

Please contact Metalunic for more information on the tools and accessories authorized for the installation of Board & Batten siding.

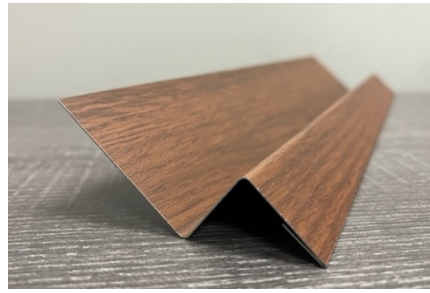
MOLDINGS

For a quality finish Metalunic offers a complete range of matching moldings.

Bottom Starters



Drip Flashing: part 908



Transition 90 degrees: part 912



Drip Flashing Double: part 952
(full color beneath)

Transitions

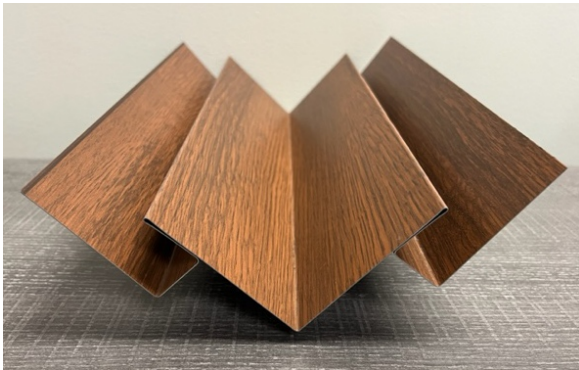


Vertical Transition in 2 parts: part 954

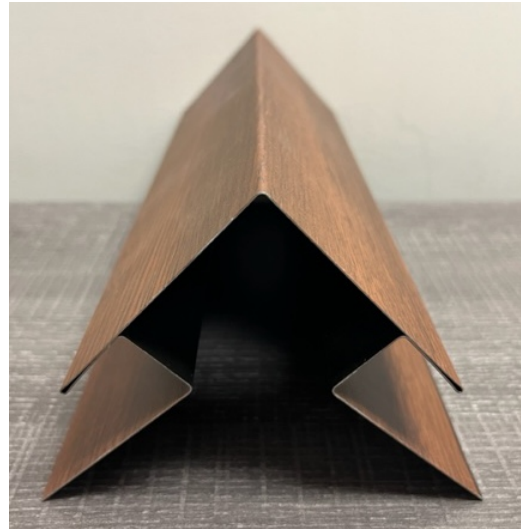


Horizontal Transition in 2 parts: part 955

Corners

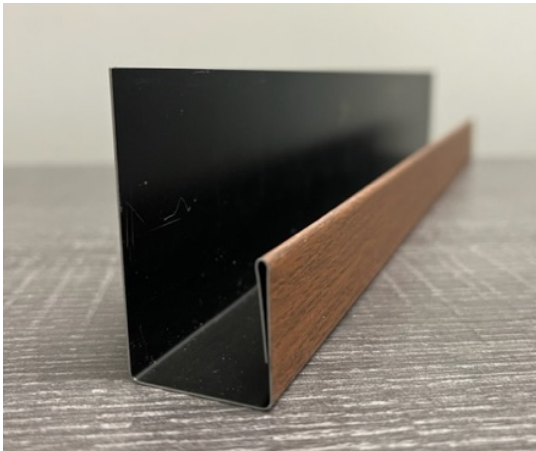


Inside Corner: part 906



Outside Corner: part 900

J moldings

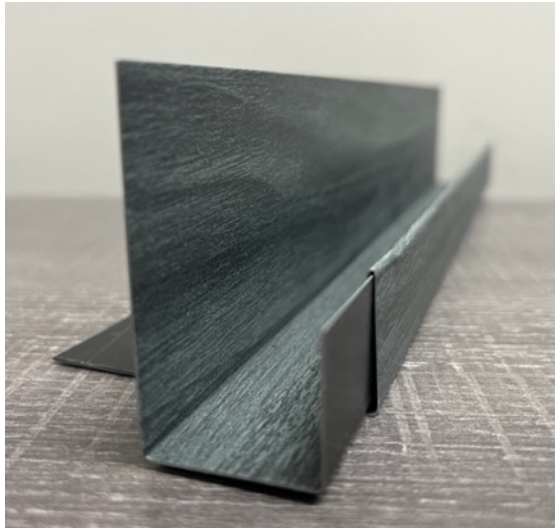


J Molding: part 905

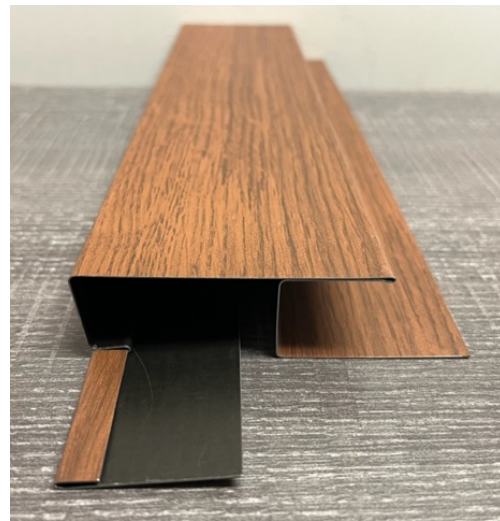


J Molding Double: part 902

J moldings

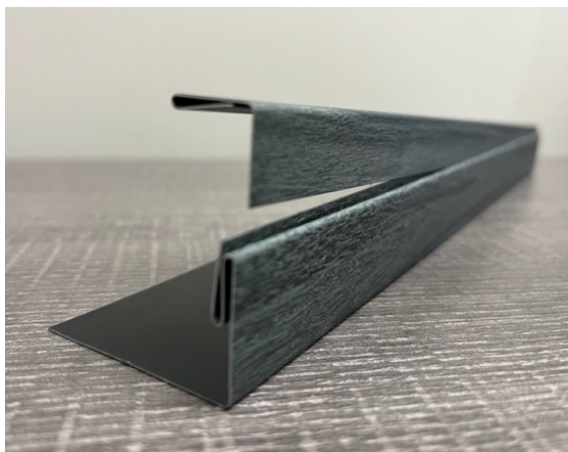


J Molding Extended in 2 parts: part 953



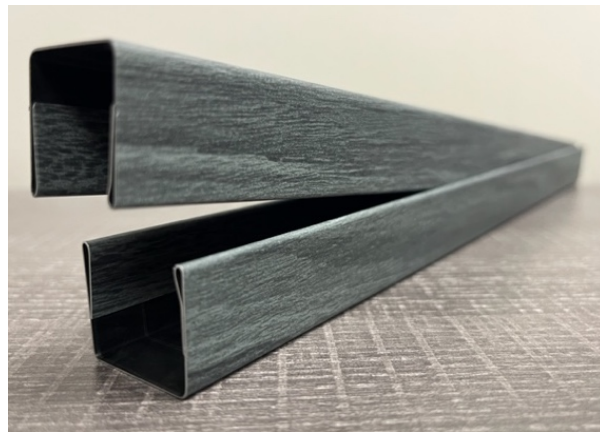
J Molding Extended Wall start/finish in 2 parts: part 956

J molding



J Molding in 2 parts: part 957

Batten Fillers



Batten Fillers: part 958
(Type A large and Type B small)

Rolls of matching painted steel are also available for the fabrication of custom parts by trades specializing in bending work.

PREPARING THE SURFACE TO BE COVERED

First and foremost, make sure the surfaces you will be covering with Board & Batten exterior siding meet all industry standards and building codes in your State/Province/Region.

Métalunic Design recommends that, as a minimum, you comply with the building code applicable at the location of the work.

Level surface

Before beginning installation, it's important to check the structural integrity of the wall and make sure that the surface is level, straight, solid and suitable for cladding.

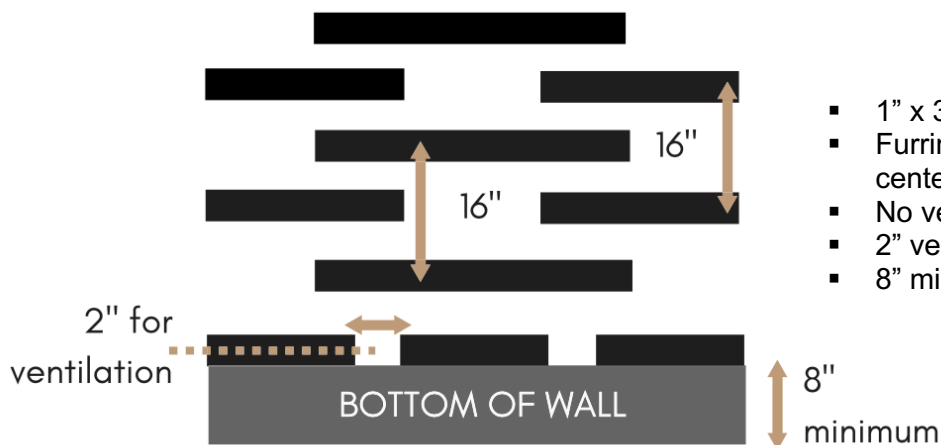
This step is essential to minimize the risk of defects and curling in the profile.

Wood or metal furring strips for outdoor installations.

The installation of wood or metal furring is required to ensure adequate ventilation between the wall and the metal cladding and to avoid any risk of condensation.

The furring strips must be aligned and perpendicular to the sheathing. Siding must be installed vertically. Furring must be installed either perpendicularly to the vertical siding boards:

VERTICAL INSTALLATION



Specifications:

- 1" x 3" wooden furring strips
- Furring strips to be 16" apart center to center
- No vertical joints
- 2" ventilation gap at horiz. joints
- 8" minimum distance from the ground

Please refer to local building codes and make sure you comply with applicable minimum requirements.

AREA TO COVER

The Board & Batten profile has a covering width of 9-1/2" per board. Considering that the cladding will be laid vertically, it is advisable to measure the length of the surface to be covered and determine in advance the width to be subtracted from the first and last boards before starting so that the cladding is centered in the surface to be covered.

Alternatively, shop drawings demonstrating the suggested installation pattern and suggested mouldings, for the surface to be covered, can be obtained from the manufacturer upon request.

INSTALLATION

Once the wall surface is ready and able to receive Board & Batten siding, you can begin installing by following our installation guide.

Board & Batten screws

Fastening must be done using the screws recommended and supplied by Metalunic Design, according to the type of surface being screwed to.

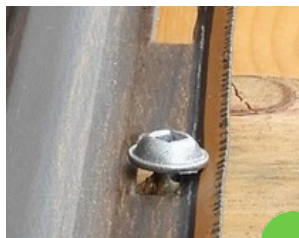


Wood screws #8 1 1/8"



Metal screws #8 1/2"

To not hinder the metal's expansion and contraction, drive screws every ~16" and center them in the panel's holes, using moderate contact (pressure), at a 90-degree angle. Screws must not exert pressure upward or downward to avoid warping the panel and/or opening the joint between panels. Refer to images below.



Moderate contact



Heavy contact



In the case of a furring strip that does not align, we suggest leaving a space between the wall and the furring strip by using a shim, and, if needed, leaving a space between the furring strip and the siding. Avoid putting too much pressure on the panel when screwing it in place, as this could cause warping.

Cutting

To cut panels, use sheet metal shears or a circular saw.

The use of a circular saw is allowed **provided the metal temperature does not exceed 117 degrees C or 242 degrees F**. Touch-up paint must also be applied when cuts are made to the siding. The painted panel metal surfaces near the saw-cut location must be covered to avoid contact with hot metal chip from the cutting operation.

Touch-up paint

When making either visible or non-visible cuts to Board & Batten siding, applying touch-up paint to the edges is important. Failing to do so might void the guarantee.

If needed, the touch-up paint can also be applied to hide small scratches. It is important not to spread or daub the point around on the surface, but to stipple it on lightly with a brush.

Starting strip – Drip Flashing for Vertical Installation

Using a spirit level or laser and a chalk line, trace a line in the intended direction of the panel installation as a starting strip drip flashing. Three types of bottom drip flashings are available.

Attach and secure the drip flashing using one screw while making sure the strip is straight and square to the guideline. When it is level, screw it into place.

Using a level, make sure the installation area is level both horizontally and vertically. It is important to make sure the drip flashing is level as it will guide your work during the entire installation.



Top of Wall Molding

The next step is to select and install the desired top of the wall J-Trim molding. Attach and secure the J-Trim molding using one screw while making sure the strip is straight and square to the guideline. When it is level, screw it into place.



Side Molding and Board & Batten Panels

Determine the appropriate finishing method for the first and last planks. Select from prefabricated mouldings (J, transition, inside/outside corner, filler) the finishing method to be applied. Coordinate with the manufacturer to determine the best method before beginning installation.

Calculate the dimensions (width) of the wall to create an installation template based on the dimensions, and establish the appropriate installation pattern and start and end mouldings. This will allow you to determine whether any panels or mouldings need to be cut before installation.

Working from left to right, the selected moulding is attached to the wall or corner. The first panel is then installed in the selected moulding, ensuring that the first panel is flush and square, at precisely 90 degrees.

After fixing the 1st panel, subsequent panels can be installed across the width of the wall to

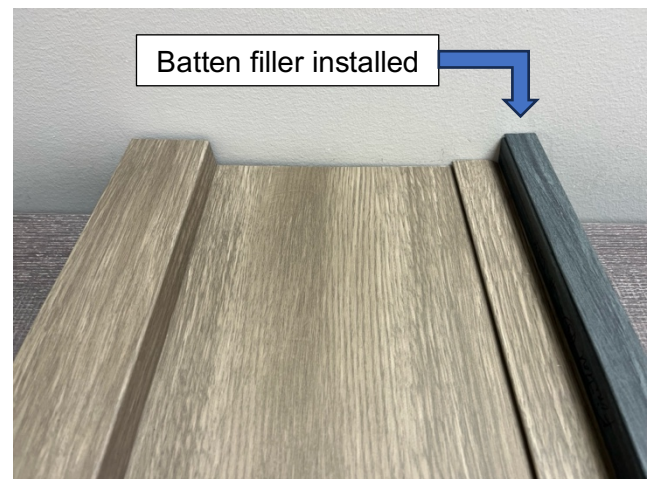
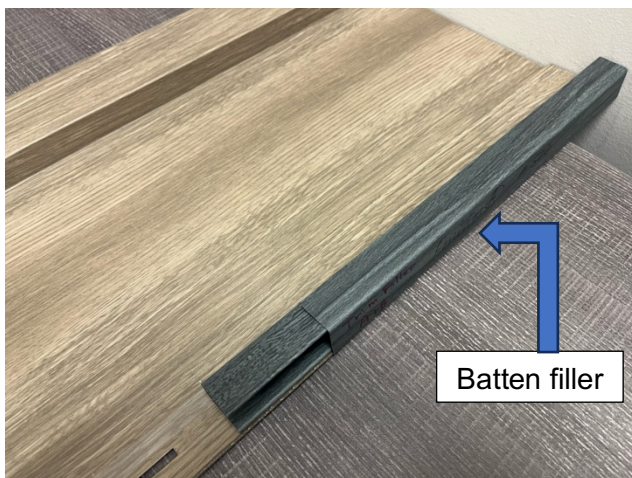
cover, taking the time to constantly monitor that all panels are all at precisely 90 degrees and that the distance between battens is always constant at 9-1/2 inches along the length of the area to be covered.

Once the installation approaches the end of the wall, the installer must measure and make a decision on how to best finish the wall using one of the moldings that are available.

It is usual that batten filler moldings will be required for this purpose. The batten filler can be used on a cut length of the final panel or on the edge of the complete panel (see photos below).

If required, using Metalunic Design's rolls of pre-finished sheet steel and the services of specialist bending companies, profiles specific to site conditions can be produced.

The photo below illustrates the usual sequence of installation using a J 1" molding.



Door and window contours

To contour a window, first install a J-Trim molding below the window, then on either side of the window. Make sure the bottom J-molding passes under the J-moldings on either side (under the vertical sides). Continue installing panels in the same direction as before.

Before installing a panel above the window, first install a Drip flashing molding, according to your region's building code, and attach it over the vertical J-moldings installed earlier.

For a door, install the molding the same way as with a window, except for the use of a J-molding at the bottom of the door. Instead, use a drip flashing molding.