

Product Evaluation

EC136 | 0722

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: EC-136

Effective Date: July 1, 2022

Re-evaluation Date: March 2026

Product Name: Harrywood Siding Panel Formed Metal Panels

Manufacturer: Mac Metal Architectural Inc.
5975, Ch. De la Savane
Saint-Hubert, QC, J3Y 0X1, Canada
(450) 464-5486

General Description:

The Harrywood siding panel is a prefinished galvanized steel siding panel. The siding panel is installed as a non-loadbearing exterior wall covering. The panels are minimum 26-gauge galvanized steel. The panels have an exposure of 6-1/16" and are available in lengths up to 12 feet.

Limitations:

Design Pressure: +75.0 psf; -75.0 psf

Wall Bracing: The Harrywood siding panel is not to be used to resist lateral loads (must not be used as wall bracing or as a shearwall).

Installation:**General Installation Requirements:**

The Harrywood siding panel must be installed in accordance with the manufacturer's published installation instructions and this product evaluation report. Where differences occur between the installation instructions and this evaluation report, this evaluation report must be followed. Use corrosion resistant fasteners as specified in the IRC and the IBC.

The Harrywood siding panel must be installed by qualified installers recognized by Mac Metal Architectural Inc.

Wall Framing: Wall framing must be minimum Southern Yellow Pine dimension lumber. The wood wall studs are spaced a maximum of 16" on center.

Wall Sheathing: The wall studs must be fully sheathed with minimum 5/8" plywood sheathing.

Wall Bracing: Wall bracing must be installed as required for the structure.

Furring Strips: Nominal 1 x 3 Spruce-Pine-Fir wood furring strips. The furring strips are applied vertically over the sheathing at 16" on center at the wall stud locations. The furring strips are secured through the sheathing and into the wall studs with two (2) minimum 2-1/2" long by 0.099" smooth shank nails spaced a maximum of 16" on center.

Water-Resistive Barrier: Install a SOPRASEAL STICK 1100T waterproofing membrane 12" high at the sill of the wall assembly. SOPRASEAL VO PRIMER is applied to the wall sheathing and flashing membrane before the application of the SOPRASEAL VP self-adhesive vapor permeable and air barrier membrane.

Panel Installation: The panels are secured to the furring strips with No. 8 x 1-1/8" long screws provided by MAC Metal. The fasteners are located on every panel intersection at 16" on center. The fasteners are secured through the fastener slots in the panels. The fasteners have a penetration of approximate 1" into the wood furring strips.

Note: Keep the manufacturer's installation instructions available on the job site during the installation. Use corrosion resistant fasteners as specified in the IRC and the IBC.