

Product Evaluation

EC149 | 1222

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-149

Effective Date: December 1, 2022

Re-evaluation Date: December 2026

Product Name: ChamClad® Vinyl Siding

Manufacturer: ChamClad® by Chameleon
10235 184 Street NW
Edmonton, Alberta Canada T5S 2J4
(780) 454-4430

General Description:

ChamClad® Siding is a polyvinyl chloride (PVC) siding that has a PVC film laminated on the exterior surface of the siding.

The ChamClad® Siding is nominal 1/2" thick, 6" wide, and comes in standard lengths of 12' and 20'. The upper edge of the siding has the nailing slots. The siding is installed over a solidly sheathed substrate.

Limitations:

Design Pressure: -76.7 psf

Wall Bracing: The vinyl siding is non-loadbearing. The siding must not be used as wall bracing or as a shearwall.

Installation:

General Installation Requirements: Install the vinyl siding in accordance with this product evaluation report, the IRC the IBC, and the manufacturer's published installation instructions.

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

Wall Sheathing: Sheath the exterior surface of wall studs with minimum nominal 7/16" thick wood structural panels (plywood or OSB). Wall sheathing must be secured to the wall framing as required by the IRC or the IBC.

Weather Resistive Barrier: A weather resistive barrier must be installed as required by the manufacturer, the IRC, and the IBC.

Fasteners:

Use low profile screws that are corrosion resistant, such as hot dipped galvanized or stainless steel. The fasteners must be No. 8 screws. The fasteners are located in the center of the fastener slots. The fasteners are spaced a maximum of 16" o.c. The fasteners penetrate through the wall sheathing and into the wall studs. Fasteners must be long enough to penetrate a minimum of 1-1/4" into the wall studs. Refer to the manufacturer's installation for additional installation requirements.

Starter Trim, H-Trim, Finishing Trims, and Corner Trims: Apply the starter strip, panels, and trim in accordance with the manufacturer's installation instructions.

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.