



Product Evaluation

EC76 | 1014

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-76

Effective Date: October 1, 2014

Re-evaluation Date: September 2017

Product Name: Exteria Building Products Polypropelene Siding

Manufacturer: Exteria Building Products
1111 NW 165th Street
Miami, FL 33169
(786) 284-1989

General Description:

This evaluation report applies to the following vinyl siding products:

Horizontal Siding:

Assembly Number on Drawings	Drawing Number	Profile	Overall Size	Panel Thickness
1	EXT1001	Cedar Pride	72-7/8"x11-1/2"	0.090"
2	EXT1001	Hand-Split Shake	41-3/8"x18-1/2"	0.090"
3	EXT1001	Rough Sawn Cedar EZ	59-1/8"x15"	0.090"
4	EXT1001	Rough Sawn Single EZ	90-1/16"x8-1/2"	0.090"
5	EXT1001	Cape Cod Perfection	43-5/8"x15-1/2"	0.090"
6	EXT1001	Scalloped Perfection	59-1/8"x15-1/8"	0.090"
7	EXT1001	Hand-Laid Brick	44-1/4"x18-3/4"	0.090"
8	EXT1001	Hand-Cut Stone	44-3/16"x18-5/8"	0.090"
9	EXT1001	Stacked Stone	44-1/2"x19-3/8"	0.090"

Design Drawings (Horizontal): Install Exteria Building Products polypropylene siding in accordance with Exteria Building Products exterior wall cladding polypropylene siding drawings, drawing number EXT1001, sheets 1-10 of 10, dated October 7, 2013, signed and sealed by Robert J. Amoruso, P.E. on August 21, 2014. This product evaluation report references the drawings as the “approved drawings.”

Design Pressure: The design pressure schedule on sheet 1 of 10 of the approved drawings specifies the allowable design pressures for the vinyl siding products.

Installation:

- **General Installation Requirements:** Install the polypropylene siding in accordance with this product evaluation report and the approved drawings. Install the polypropylene siding over wood frame and metal frame walls with wood panel sheathing and over concrete and hollow block structures. Refer to the approved drawings for the specific applications to the host structure.
- **Fasteners:** The anchor schedule on sheet 1 of 10 of the approved drawings specifies the fasteners. Drive fasteners into the center of the nailing slot without exerting pressure under the anchor head with the exception of the anchors installed into the center of the pre-punched hole on each panel.
- **Wall Sheathing:** Sheath the exterior surface of wood frame and metal frame walls with minimum 15/32" thick wood structural panels. If applying non-structural materials (such as foam or fiberboard) over the wood structural sheathing, then the length of the fasteners used to secure the vinyl siding to the framing or wall sheathing must be increased by the thickness of the non-structural material.
- **Wall Studs:** The maximum wall stud spacing for wood frame and metal frame walls must not exceed 16" on center. Use a minimum of Spruce-Pine-Fir dimension lumber for wall studs for wood frame walls. Use a minimum 18-gauge steel, minimum $F_y = 33$ ksi and $F_u = 45$ ksi for studs on metal frame walls.
- **Starter Strips, Corner Posts and J-Channels:** Apply the starter strips with fasteners spaced in accordance with the anchor spacing in the design pressure table. Attach J-Channels to the framing member with a maximum fastener spacing of 8" on center. Corner posts must have a fastener maximum spacing of 8" on center.

Note: The manufacturer’s installation instructions must be available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.