

Product Evaluation

EC153 | 0623

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-153

Effective Date: June 1, 2023

Re-evaluation Date: June 2027

Product Name: SAGIWALL Vinyl Siding

Manufacturer: SAGIPER North America, Inc.
18505 105 Ave
Edmonton, AB T55 0K3
(780) 482-3445

General Description:

This evaluation report applies to the following vinyl siding products:

Product	Description	Nominal Dimensions
SAGIWALL	The wall cladding 'Channeled' and 'V-Groove' profiles are made of heavy gauge, extruded polyvinyl chloride (PVC) and coated with a PVC film, designed for exterior applications. The profiles available are tongue-and-groove and fastened to the building structure through pre-punched nailing slots located along the top edge of the profiles, which are concealed after the upper profile is installed. All accessories are made of aluminum covered with the PVC film.	7" wide x 12 ft or 19 ft long

Limitations:

Design Wind Pressures: Design wind pressure limitations are specified in the Table 1.

Table 1. Design Wind Pressures

Assembly Number	Product	Profile	Fasteners	Design Pressure
1	SAGIWALL	Channeled or V-Groove, refer Figure-1	#9 corrosion-resistant pan-head screws at 16" o.c. max.	+32 / -42 psf

Installation:**General Installation Requirements:**

SAGIWALL shall be installed in accordance with SAGIPER North America, Inc. published installation instructions.

Wall Framing: Wall framing must be minimum Spruce-Pine-Fir dimension lumber. The wall stud spacing must not exceed 16" on center.

Siding Attachment:

Fasteners are required to penetrate into the wall studs.

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



Figure 1. Siding Profiles