



Product Evaluation

RC462 | 0816

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: RC-462

Effective Date: September 1, 2015

Revised: August 1, 2016

Re-evaluation Date: August 2019

Product Name: RESISTO Self-Adhering Modified Bitumen Roofing Systems

Manufacturer: RESISTO, a division of Soprema, Inc.
1640 Rue Haggerty
Drummondville, Quebec J2C 5P8
(877) 478-8408

General Description:

- **Soprema Sopra G** is a fiberglass reinforced oxidized asphalt base sheet intended for use as an anchor sheet for hot asphalt, cold adhesive, heat fused (torch), or mechanically fastened assemblies.
- **Select Mod G2 Base** is an SBS modified, fiberglass reinforced base sheet intended for use as an anchor sheet for hot asphalt, cold adhesive, heat fused (torch), or mechanically fastened assemblies.
- **SA Base** is a fiberglass reinforced, SBS modified bitumen membrane intended for use as a base sheet in self-adhered assemblies.
- **SA Cap GR** is a fiberglass reinforced, granule surfaced, SBS modified bitumen membrane intended for use as a cap sheet in self-adhered assemblies.
- **SA Smooth Ply 40** is a self-adhesive, SBS modified bitumen membrane intended for use as a base sheet in self-adhered assemblies

Limitations and Installation:

General installation Requirements:

All IRC and the IBC requirements must be satisfied and manufacturer's installation instructions followed, unless otherwise specified by this product evaluation.

For All applications: Roof decks, in which this product is to be installed upon, must be provided with positive drainage. A minimum roof slope after construction of 1/4" per foot is recommended.

The roof framing and the attachment of the deck to the roof framing must meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads.

Limitations and Installation (cont.):

TABLE 1: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED ROOF COVER							
Assembly No.	Deck ^A	Anchor Sheet		Roof Cover			
		Type	Attach ^B	Primer ^C	Base	Primer ^C	Cap
1	Min. 19/32" plywood	Sopra G	32-ga., 1-5/8" diameter caps with 1-1/4", 11-ga. annular ring shank nails	RESISTO Exterior Primer	SA Base, Self-Adhered	RESISTO Exterior Primer	SA Cap GR, Self-Adhered
Design Pressure (psf)		Anchor Sheet Attachment					
0 < P ≤ -37.5		7" o.c. at 4" wide side laps and 7" o.c. at three, equally spaced, staggered center rows.					

TABLE 2: NON-INSULATED, FULLY BONDED ROOF COVER						
Assembly No.	Deck ^A	Primer ^C	Roof Cover			
			Base Sheet	Primer ^C	Cap	
2	Min. 15/32" plywood or 7/16" OSB	RESISTO Exterior Primer	SA Base, Self-Adhered	RESISTO Exterior Primer	SA Cap GR, Self-Adhered	
Design Pressure (psf)						
0 < P ≤ -45.0						

TABLE 2: NON-INSULATED, FULLY BONDED ROOF COVER					
Assembly No.	Deck ^A	Primer ^C	Roof Cover		
			Base Sheet	Primer ^C	Cap
3	Min. 7/16" OSB	None	SA Smooth Ply 40, Self-Adhered	None	SA Cap GR, Self-Adhered
Design Pressure (psf)					
0 < P ≤ -67.5.0					

TABLE 2: NON-INSULATED, FULLY BONDED ROOF COVER					
Assembly No.	Deck ^A	Primer ^C	Roof Cover		
			Base Sheet	Primer ^C	Cap
4	Min. 7/16" OSB	RESISTO Exterior Primer	SA Smooth Ply 40, Self-Adhered	RESISTO Exterior Primer	SA Cap GR, Self-Adhered
Design Pressure (psf)					
0 < P ≤ -75.0					

Limitations and Installation (cont.):

TABLE 2: NON-INSULATED, FULLY BONDED ROOF COVER					
Assembly No.	Deck ^A	Primer ^C	Roof Cover		
			Base Sheet	Primer ^C	Cap
5	Min. 15/32" Plywood	None	SA Smooth Ply 40, Self-Adhered	None	SA Cap GR, Self-Adhered
Design Pressure (psf)					
0 < P ≤ -105.0					

TABLE 2: NON-INSULATED, FULLY BONDED ROOF COVER					
Assembly No.	Deck ^A	Primer ^C	Roof Cover		
			Base Sheet	Primer ^C	Cap
6	Min. 15/32" Plywood	RESISTO Exterior Primer	SA Smooth Ply 40, Self-Adhered	RESISTO Exterior Primer	SA Cap GR, Self-Adhered
Design Pressure (psf)					
0 < P ≤ -112.5.0					

Footnotes for Wind Uplift Tables:

- A. New wood structural panel sheathing (plywood or oriented strand board (OSB)) must be attached to the roof framing to meet or exceed the uplift requirements of the IRC and the IBC and be installed as required to resist wind loads. Roof framing must not exceed 24" on center.
- B. Nails and caps: Nails must be corrosion resistant minimum 11-gauge annular ring shank nails having not less than 20 rings per inch, heads not less than 3/8" diameter, and of sufficient length to penetrate a minimum of 1/2" through the underside of the sheathing. Caps must be corrosion resistant and must not be less than 1-5/8" diameter and of not less than 32-gauge sheet metal.
- C. RESISTO Exterior Primer is a solvent-based primer that must be applied to clean, dry surfaces at an average rate of 0.2 to 0.3 L/m² (0.5 to 0.75 gal/100 ft²).

Note: Keep the manufacturer’s installation instructions at the job site during the installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.