

Product Evaluation

RC462 | 0424

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: April 1, 2024

Re-evaluation Date: April 2028

Product Name: RESISTO and SOPREMA Self-Adhering Modified Bitumen Roofing Systems

Manufacturer: SOPREMA, Inc.
310 Quadral Drive
Wadsworth, OH 44281
(800) 356-3521

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.
- **SOPREMA Modified Sopra-G** is a fiberglass reinforced modified asphalt base sheet for bonding or mechanically attaching to substrate.
- **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 Cap FR 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.
- **SA NAILBASE** is a fiberglass reinforced, SBS modified bitumen, base sheet for bonding or mechanically attaching to substrate.
- **RESISTO LB1236** is a self-adhesive, SBS modified bitumen membrane intended for use as a base sheet in self-adhered assemblies
- **BITUTAK MB SMOOTH** is a non-woven, polyester reinforced, APP modified bitumen membrane with a film back face and a sanded top surface.
- **BITUTAK MB MINERAL** is a non-woven, polyester reinforced, APP modified bitumen membrane with a film back face and a granulated top surface.
- **RESISTOFLEX** is a fiberglass reinforced, modified asphalt base sheet for bonding or mechanically attaching to substrate.
- **GAP Organic Base Sheet** is an asphalt saturated, mineral surfaced, sheet.

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.

When applying the self-adhered membranes to a new wood decking, the wood must be clean and dry. Application of ASTM D-41 asphalt primer is not required. When applying the self-adhered membrane in a re-cover or re-roofing application, cleaning, and priming of the wood decking is required.

Installation over an Existing Roof Covering (Roof Recover):

Inspection of Roof Covering Recover Installation: Inspection of the roof covering recover installation must be by a Texas Department of Insurance appointed engineer. The TDI appointed engineer must determine if the roof framing can support the combined weight of the existing roof covering and the roof covering recover.

Installation of a new roof covering over an existing roof covering is limited to mechanically attached roof coverings. A fully adhered roof covering must not be installed over an existing roof covering.

Roof Covering Replacement versus Roof Covering Recover: All existing roof coverings must be completely removed, and a new roof covering installed if any of the following conditions occur:

- The existing roof or roof covering is water soaked or has deteriorated to the point that the existing roof or roof covering is not adequate as a base for the additional roof covering.
- The existing roof has two or more applications of any type of roof covering.

Positive Drainage: The maximum allowable spacing of the roof framing must be as specified in the evaluation report.

Roof Deck: The existing roof deck must be as specified in each assembly listed in this evaluation report. The underside of the roof deck must be examined by the TDI appointed engineer for corrosion or deterioration. If corrosion exists, then it must be treated with a rust inhibitor. A fastener withdrawal resistance test must be conducted in the corroded or deteriorated area to determine if the withdrawal resistance of the fastener complies with the minimum fastener requirements for the roof covering recover application. If the tested fastener fails to comply, then the deteriorated roof deck must be replaced.

Fastener Withdrawal Resistance: The fastener withdrawal resistance must be conducted in accordance with ANSI/SPRI FX-1-2006 and this evaluation report.

Fasteners used for the installation of the roof covering recover to the existing roof deck must be as specified in the Installation Instructions section of this evaluation report. For the withdrawal test, the fasteners must be installed in the existing roof deck as required for the roof covering recover installation. A TDI appointed engineer must review the data to verify the integrity of the existing roof deck and to compare results of the withdrawal tests with the minimum fastener requirements for the roof covering recover application.

The TDI appointed engineer must document all test results, including the locations on the roof surface where the tests are performed. A minimum of ten withdrawal resistance tests are required for a roof area up to 50,000 square feet (a minimum of 50 percent of the tests must be conducted at the perimeter and the corners). Five additional tests are required for each additional 50,000 square feet of roof area or portion thereof (a minimum of 50 percent of the tests must be conducted at the perimeter and the corners). The tests must be located evenly spread across the surface of the roof. At least one withdrawal test must be performed on each roof level if the roof consists of multiple levels.

The withdrawal resistance of each tested fastener must comply with the minimum fastener requirements for the roof covering recover application. If a tested fastener fails to comply, then the TDI appointed engineer must examine that area for deterioration of the roof deck by removing the existing roof covering in that area. If that area of the roof deck has deteriorated, then the deteriorated roof deck must be replaced.

Existing Roof Covering Preparation: The existing roof covering must be prepared to receive the roof covering recover as specified in the RESISTO installation instructions.

The existing roof covering surface must be dry and free of dirt and debris. If the existing roof covering is gravel surfaced, then the loose gravel must be completely removed. The surface of the existing roof covering must be relatively smooth.

If the existing roof covering has blisters, buckles, ridges, folds, or other deformations, then they must be removed, and the surface patched to provide a smooth surface. If the existing roof covering has loose fasteners, then the existing membrane must be cut open, the loose fasteners removed, and the surface patched to provide a smooth surface.

Roof Covering Recover Installation: Installation of the roof covering recover must be specified in the Installation Instructions section of this evaluation report.

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.

APPENDIX 1: ATTACHMENT REQUIREMENTS FOR WIND UPLIFT RESISTANCE			
Table	Assembly No.	Application	Description
1A	1	New or Reroof (Tear-Off)	Bonded Insulation, Bonded Roof Cover
1B	2-3	New or Reroof (Tear-Off) or Recover	Insulated, Mechanically Attached Anchor Sheet, Bonded Roof Cover
1C	4-5	New or Reroof (Tear-Off) or Recover	Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover
2A	6-19	New or Reroof (Tear-Off) or Recover	Non-Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover
2B	20-26	New or Reroof (Tear-Off)	Non-Insulated, Fully Bonded Roof Cover

Limitations and Installation (cont.):

TABLE 1A: RESISTO MODIFIED BITUMEN – NEW OR REROOF (TEAR-OFF) BONDED INSULATION, FULLY BONDED ROOF COVER						
Assembly No.	Deck^A	Insulation		Roof Cover		
		Base	Attach	Base Sheet	Ply Sheet	Cap Sheet
1	Min. 7/16" OSB	Min. 1.5" H-Shield or SOPRA-ISOr	Insta-Stik Quik Set Insulation Adhesive	RESISTO LB1236, Self-Adhered	(Optional) BITUTAK MB SMOOTH, Torch-Applied	BITUTAK MB SMOOTH or BITUTAK MB MINERAL, Torch-Applied
Design Pressure (psf)		Base Sheet Attachment				
0 < P ≤ -52.5		Insta-Stik Quik Set Insulation Adhesive applied in continuous ribbons, 12" o.c.				

TABLE 1B: RESISTO MODIFIED BITUMEN – NEW OR REROOF (TEAR-OFF) OR RECOVER INSULATED, MECHANICALLY ATTACHED ANCHOR SHEET, BONDED ROOF COVER								
Assembly No.	Deck^A	Anchor Sheet		Insulation		Roof Cover		
		Type	Attach	Base	Attach	Base Sheet	Ply Sheet	Cap Sheet
2	Min. 7/16" OSB	SA NAILBASE	32-ga., 1-5/8" diameter caps with 1-1/4", 12-ga. annular ring shank nails	Min. 1.5" H-Shield or SOPRA-ISOr	Insta-Stik Quik Set Insulation Adhesive, 12" o.c.	RESISTO LB1236, Self-Adhered	(Optional) BITUTAK MB SMOOTH, Torch-Applied	BITUTAK MB SMOOTH OR BITUTAK MB MINERAL, Torch-Applied
Design Pressure (psf)		Base Sheet Attachment						
0 < P ≤ -30		8" o.c. at 4" wide side laps and 8" o.c. at three, equally spaced, staggered center rows.						

Limitations and Installation (cont.):

TABLE 1B: RESISTO MODIFIED BITUMEN – NEW OR REROOF (TEAR-OFF) OR RECOVER INSULATED, MECHANICALLY ATTACHED ANCHOR SHEET, BONDED ROOF COVER								
Assembly No.	Deck^A	Anchor Sheet		Insulation		Roof Cover		
		Type	Attach	Base	Attach	Base Sheet	Ply Sheet	Cap Sheet
3	Min. 7/16" OSB	RESISTOFLEX	32-ga., 1-5/8" diameter caps with 1-1/4", 12-ga. annular ring shank nails	Min. 1.0" H-Shield or SOPRA-ISOr	Insta-Stik Quik Set Insulation Adhesive, 12" o.c.	RESISTO LB1236, Self-Adhered	(Optional) BITUTAK MB SMOOTH, Torch-Applied	BITUTAK MB SMOOTH or BITUTAK MB MINERAL, Torch-Applied
Design Pressure (psf)		Base Sheet Attachment						
0 < P ≤ -37.5		6" o.c. at 4" wide side laps and 6" o.c. at three, equally spaced, staggered center rows.						

TABLE 1C: RESISTO MODIFIED BITUMEN – NEW OR REROOF (TEAR-OFF) OR RECOVER INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER							
Assembly No.	Deck^A	Insulation		Roof Cover			
		Base	Attach	Base Sheet	Attach	Ply Sheet	Cap Sheet
4	Min. 7/16" OSB	Min. 1.0" H-Shield or SOPRA-ISOr	Loose-laid	SA NAILBASE	Trufast #12 DP fasteners and 3" Metal Insulation Plates	RESISTO LB1236, Self-Adhered	BITUTAK MB SMOOTH or BITUTAK MB MINERAL, Torch-Applied
Design Pressure (psf)		Base Sheet Attachment					
0 < P ≤ -82.5		8" o.c. within the 4" side laps and 8" o.c. in three (3) rows in the field of the sheet.					

Limitations and Installation (cont.):

TABLE 1C: RESISTO MODIFIED BITUMEN – NEW OR REROOF (TEAR-OFF) OR RECOVER INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER							
Assembly No.	Deck^A	Insulation		Roof Cover			
		Base	Attach	Base Sheet	Attach	Ply Sheet	Cap Sheet
5	Min. 7/16" OSB	Min. 1.0" H-Shield or SOPRA-ISOr	Loose-laid	Modified Sopra-G	Trufast #12 DP fasteners and 3" Metal Insulation Plates	(Optional) BITUTAK MB SMOOTH, Torch-Applied	BITUTAK MB SMOOTH or BITUTAK MB MINERAL, Torch-Applied
Design Pressure (psf)		Base Sheet Attachment					
0 < P ≤ -120		8" o.c. within the 4" side laps and 8" o.c. in three (3) rows in the field of the sheet.					

TABLE 2A: RESISTO MODIFIED BITUMEN – NEW OR REROOF (TEAR-OFF) OR RECOVER NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER					
Assembly No.	Deck^A	Roof Cover			
		Base Sheet	Attach^B	Ply Sheet	Cap Sheet
6	Min. 7/16" OSB	SA NAILBASE	32-ga., 1-5/8" diameter caps with 1-1/4", 12-ga. annular ring shank nails	RESISTO LB1236, Self-Adhered	BITUTAK MB SMOOTH or BITUTAK MB MINERAL, Torch-Applied
Design Pressure (psf)		Base Sheet Attachment			
0 < P ≤ -30		8" o.c. at 4" wide side laps and 8" o.c. at three, equally spaced, staggered center rows.			

TABLE 2A: RESISTO MODIFIED BITUMEN – NEW OR REROOF (TEAR-OFF) OR RECOVER NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER							
Assembly No.	Deck^A	Roof Cover					
		Base Sheet	Attach^B	Primer^C	Ply Sheet	Primer^C	Cap Sheet
7	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)		Base 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.					

Limitations and Installation (cont.):

TABLE 2A: RESISTO MODIFIED BITUMEN – NEW OR REROOF (TEAR-OFF) OR RECOVER NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER					
Assembly No.	Deck ^A	Roof Cover			
		Base Sheet	Attach ^B	Ply Sheet	Cap Sheet
8	Min. 15/32" plywood	SA NAILBASE	0.120" x 1-1/4" ring shank roofing nails and 1-5/8" diameter tin caps	(Optional) SA Smooth Ply 40, Self-Adhered	SA Cap GR or SA Cap FR GR, Self-Adhered
Design Pressure (psf)		Base Sheet Attachment			
0 < P ≤ -45		8" o.c. within the 4" side laps and 8" o.c. in three (3) rows in the field of the sheet.			

TABLE 2A: RESISTO MODIFIED BITUMEN – NEW OR REROOF (TEAR-OFF) OR RECOVER NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER					
Assembly No.	Deck ^A	Roof Cover			
		Base Sheet	Attach ^B	Ply Sheet	Cap Sheet
9	Min. 15/32" plywood	SA NAILBASE	0.120" x 1-1/4" ring shank roofing nails and 1-5/8" diameter tin caps	RESISTO LB1236, Self-Adhered	BITUTAK MB SMOOTH or BITUTAK MB MINERAL, Torch-Applied
Design Pressure (psf)		Base Sheet Attachment			
0 < P ≤ -45		8" o.c. within the 4" side laps and 8" o.c. in three (3) rows in the field of the sheet.			

Limitations and Installation (cont.):

TABLE 2A: RESISTO MODIFIED BITUMEN – NEW OR REROOF (TEAR-OFF) OR RECOVER NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER					
Assembly No.	Deck ^A	Roof Cover			
		Base Sheet	Attach ^B	Ply Sheet	Cap Sheet
10	Min. 15/32" plywood	SA NAILBASE	32-ga., 1-5/8" diameter caps with 1-1/4", 12-ga. annular ring shank nails	(Optional) SA Smooth Ply 40, Self-Adhered	SA Cap GR or SA Cap FR GR, Self-Adhered
Design Pressure (psf)		Base Sheet Attachment			
0 < P ≤ -52.5		6" o.c. within the 4" side laps and 6" o.c. in three (3) rows in the field of the sheet.			

Limitations and Installation (cont.):

TABLE 2A: RESISTO MODIFIED BITUMEN – NEW OR REROOF (TEAR-OFF) OR RECOVER NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER					
Assembly No.	Deck^A	Roof Cover			
		Base Sheet	Attach^B	Ply Sheet	Cap Sheet
11	Min. 19/32" plywood	SA NAILBASE	0.120" x 1-1/4" ring shank roofing nails and 1-5/8" diameter tin caps	None	SA Cap GR or SA Cap FR GR, Self-Adhered
Design Pressure (psf)		Base Sheet Attachment			
0 < P ≤ -60		8" o.c. within the 4" side laps and 8" o.c. in three (3) rows in the field of the sheet.			

TABLE 2A: RESISTO MODIFIED BITUMEN – NEW OR REROOF (TEAR-OFF) OR RECOVER NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER					
Assembly No.	Deck^A	Roof Cover			
		Base Sheet	Attach^B	Ply Sheet	Cap Sheet
12	Min. 19/32" plywood	SA NAILBASE	0.120" x 1-1/4" ring shank roofing nails and 1-5/8" diameter tin caps	RESISTO LB1236, Self-Adhered	BITUTAK MB SMOOTH or BITUTAK MB MINERAL, Torch-Applied
Design Pressure (psf)		Base Sheet Attachment			
0 < P ≤ -60		8" o.c. within the 4" side laps and 8" o.c. in three (3) rows in the field of the sheet.			

TABLE 2A: RESISTO MODIFIED BITUMEN – NEW OR REROOF (TEAR-OFF) OR RECOVER NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER					
Assembly No.	Deck^A	Roof Cover			
		Base Sheet	Attach	Ply Sheet	Cap Sheet
13	Min. 7/16" OSB	GAP Organic Base Sheet	Simplex MAXX Cap Fastener	(Optional) BITUTAK MB SMOOTH, Torch-Applied	BITUTAK MB SMOOTH or BITUTAK MB MINERAL, Torch-Applied
Design Pressure (psf)		Base Sheet Attachment			
0 < P ≤ -60		6" o.c. within the 3" side laps and 6" o.c. in three (3) staggered rows in the field of the sheet.			

Limitations and Installation (cont.):

TABLE 2A: RESISTO MODIFIED BITUMEN – NEW OR REROOF (TEAR-OFF) OR RECOVER NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER					
Assembly No.	Deck^A	Roof Cover			
		Base Sheet	Attach^B	Ply Sheet	Cap Sheet
14	Min. 19/32" plywood	SA NAILBASE	0.120" x 1-1/4" ring shank roofing nails and 1-5/8" diameter tin caps	None	SA Cap GR or SA Cap FR GR, Self-Adhered
Design Pressure (psf)		Base Sheet Attachment			
0 < P ≤ -90		6" o.c. within the 4" side laps and 6" o.c. in three (3) rows in the field of the sheet.			

TABLE 2A: RESISTO MODIFIED BITUMEN – NEW OR REROOF (TEAR-OFF) OR RECOVER NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER					
Assembly No.	Deck^A	Roof Cover			
		Base Sheet	Attach^B	Ply Sheet	Cap Sheet
15	Min. 19/32" plywood	SA NAILBASE	0.120" x 1-1/4" ring shank roofing nails and 1-5/8" diameter tin caps	RESISTO LB1236, Self-Adhered	BITUTAK MB SMOOTH or BITUTAK MB MINERAL, Torch-Applied
Design Pressure (psf)		Base Sheet Attachment			
0 < P ≤ -90		6" o.c. within the 4" side laps and 6" o.c. in three (3) rows in the field of the sheet.			

TABLE 2A: RESISTO MODIFIED BITUMEN – NEW OR REROOF (TEAR-OFF) OR RECOVER NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER					
Assembly No.	Deck^A	Roof Cover			
		Base Sheet	Attach^B	Ply Sheet	Cap Sheet
16	Min. 19/32" plywood	SA NAILBASE	0.120" x 1-1/4" ring shank roofing nails and 1-5/8" diameter tin caps	None	SA Cap GR or SA Cap FR GR, Self-Adhered
Design Pressure (psf)		Base Sheet Attachment			
0 < P ≤ -105		4" o.c. within the 4" side laps and 4" o.c. in four (4) rows in the field of the sheet.			

Limitations and Installation (cont.):

TABLE 2A: RESISTO MODIFIED BITUMEN – NEW OR REROOF (TEAR-OFF) OR RECOVER NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER					
Assembly No.	Deck^A	Roof Cover			
		Base Sheet	Attach^B	Ply Sheet	Cap Sheet
17	Min. 19/32" plywood	SA NAILBASE	0.120" x 1-1/4" ring shank roofing nails and 1-5/8" diameter tin caps	RESISTO LB1236, Self-Adhered	BITUTAK MB SMOOTH or BITUTAK MB MINERAL, Torch-Applied
Design Pressure (psf)		Base Sheet Attachment			
0 < P ≤ -105		4" o.c. within the 4" side laps and 4" o.c. in four (4) rows in the field of the sheet.			

TABLE 2A: RESISTO MODIFIED BITUMEN – NEW OR REROOF (TEAR-OFF) OR RECOVER NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER					
Assembly No.	Deck^A	Roof Cover			
		Base Sheet	Attach	Ply Sheet	Cap Sheet
18	Min. 19/32" plywood	SA NAILBASE	Trufast #12 DP fasteners and 3" Metal Insulation Plates	None	SA Cap GR or SA Cap FR GR, Self-Adhered
Design Pressure (psf)		Base Sheet Attachment			
0 < P ≤ -127.5		8" o.c. within the 4" side laps and 8" o.c. in three (3) rows in the field of the sheet.			

TABLE 2A: RESISTO MODIFIED BITUMEN – NEW OR REROOF (TEAR-OFF) OR RECOVER NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER					
Assembly No.	Deck^A	Roof Cover			
		Base Sheet	Attach	Ply Sheet	Cap Sheet
19	Min. 19/32" plywood	SA NAILBASE	Trufast #12 DP fasteners and 3" Metal Insulation Plates	RESISTO LB1236, Self-Adhered	BITUTAK MB SMOOTH or BITUTAK MB MINERAL, Torch-Applied
Design Pressure (psf)		Base Sheet Attachment			
0 < P ≤ -127.5		8" o.c. within the 4" side laps and 8" o.c. in three (3) rows in the field of the sheet.			

Limitations and Installation (cont.):

TABLE 2B: RESISTO MODIFIED BITUMEN – NEW OR REROOF (TEAR-OFF) NON-INSULATED, FULLY BONDED ROOF COVER					
Assembly No.	Deck ^A	Primer ^C	Roof Cover		
			Base Sheet	Primer ^C	Cap
20	Min. 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 2B: RESISTO MODIFIED BITUMEN – NEW OR REROOF (TEAR-OFF) NON-INSULATED, FULLY BONDED ROOF COVER					
Assembly No.	Deck ^A	Primer ^C	Roof Cover		
			Base Sheet	Primer ^C	Cap
21	Min. 7/16" OSB	None	SA Smooth Ply 40, Self-Adhered	None	SA Cap GR or SA Cap FR GR, Self-Adhered
Design Pressure (psf)					
0 < P ≤ -67.5					

TABLE 2B: RESISTO MODIFIED BITUMEN – NEW OR REROOF (TEAR-OFF) NON-INSULATED, FULLY BONDED ROOF COVER					
Assembly No.	Deck ^A	Primer ^C	Roof Cover		
			Base Sheet	Primer ^C	Cap
22	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 2B: RESISTO MODIFIED BITUMEN – NEW OR REROOF (TEAR-OFF) NON-INSULATED, FULLY BONDED ROOF COVER					
Assembly No.	Deck^A	Primer^C	Roof Cover		
			Base Sheet	Ply Sheet	Cap Sheet
23	Min. 7/16" OSB	None	RESISTO LB1236, Self-Adhered	(Optional) BITUTAK MB SMOOTH, Torch-Applied	BITUTAK MB SMOOTH or BITUTAK MB MINERAL, Torch-Applied
Design Pressure (psf)					
0 < P ≤ -97.5					

TABLE 2B: RESISTO MODIFIED BITUMEN – NEW OR REROOF (TEAR-OFF) NON-INSULATED, FULLY BONDED ROOF COVER					
Assembly No.	Deck^A	Primer^C	Roof Cover		
			Base Sheet	Primer^C	Cap
24	Min. 15/32" Plywood	None	SA Smooth Ply 40, Self-Adhered	None	SA Cap GR or SA Cap FR GR, Self-Adhered
Design Pressure (psf)					
0 < P ≤ -105.0					

TABLE 2B: RESISTO MODIFIED BITUMEN – NEW OR REROOF (TEAR-OFF) NON-INSULATED, FULLY BONDED ROOF COVER					
Assembly No.	Deck^A	Primer^C	Roof Cover		
			Base Sheet	Primer^C	Cap
25	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					

Limitations and Installation (cont.):

TABLE 2B: RESISTO MODIFIED BITUMEN – NEW OR REROOF (TEAR-OFF) NON-INSULATED, FULLY BONDED ROOF COVER					
Assembly No.	Deck^A	Primer^C	Roof Cover		
			Base Sheet	Ply Sheet	Cap Sheet
26	Min. 1" T&G Plank, SYP Decking	None	RESISTO LB1236, Self-Adhered	(Optional) BITUTAK MB SMOOTH, Torch-Applied	BITUTAK MB SMOOTH or BITUTAK MB MINERAL, Torch-Applied
Design Pressure (psf)					
0 < P ≤ -135.0					

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. Installation over an existing roof covering (Roof Recover) must comply with the roof recover guidelines outlined within this report. If the existing roof covering is removed, it is permitted to install a new roof covering over the existing roof deck.
- 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 and the IBC.