



Technical Bulletin 301 – Snow Retention

May 18, 2021

F Wave recommends that snow retention be considered in cold climates with heavy snowfall or areas where snow buildup on the roof is anticipated. Holding the snow in place can prevent or minimize large pieces of snow and ice from cascading down the roof slope and potentially causing damage to people or property below.

The installation of a Snow Guard is the most common method of snow retention and can be especially effective for areas with less frequent snowfalls. Snow Guards are individual pieces supplied by manufacturers of such products, and are fastened to the roof deck generally as prescribed by the manufacturer of the Snow Guard and the installing contractor. These are preferably installed during the roof installation.

For reference, Rocky Mountain Snow Guards Inc. has specific snow guards that are suitable for use with the F-WAVE™ REVIA™ Synthetic Roofing Shingles. The design and number of snow brackets needed in order to hold snow on a roof slope will vary depending on the roof pitch, bracket type and expected snow load, among other considerations. Due to these factors, F Wave recommends contacting Rocky Mountain Snow Guards Inc. directly at 1-877-414-7606 (www.rockymountainsnowguards.com) for their specific recommendations. Alternatively, there are other reputable snow retention product manufacturers who can provide recommendations for a customized snow retention layout.

When snow retention brackets are needed after the roof has been installed, typically in a retrofit application, it is important to use the proper screws with sealant/adhesive. The current F Wave approved auxillary sealants and adhesives are listed in the table below. Follow this link for F Wave's latest approved list of sealants and adhesives, [Snow Retention Sealants and Adhesives](#). The specific details for application and other instruction regarding the current installation of snow retention products will be the responsibility of the snow retention product manufacturer, installing contractor and homeowner.

Approved Sealants & Adhesives

The following sealants & adhesives are approved for use in installing F-WAVE™ REVIA™ Synthetic Roofing Shingles and must be applied as outlined in F Wave Installation Manuals and according to the sealant/adhesive manufacturer's application instructions for minimum acceptable installation temperatures and conditions.

R.M. Lucas	Universal Terpolymer Sealant #6600
Mule-Hide Products	Multipurpose Sealant SEBS 1
NPC Terpolymer Rubber Adhesive/Sealant	Solar Seal #900
OSI Window, Door & Siding Sealant	QUAD

Notes:

Installers should consult the most recent [F Wave Installation Manuals](#) to determine all recommended installation requirements. Additional information may be found in the [NRCA Roofing Manual: Steep-Slope Roof Systems](#). For additional support or questions, connect with fwaverooting.com or F Wave Technical Support at **1-888-GO-FWAVE** (1-888-463-9283).

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