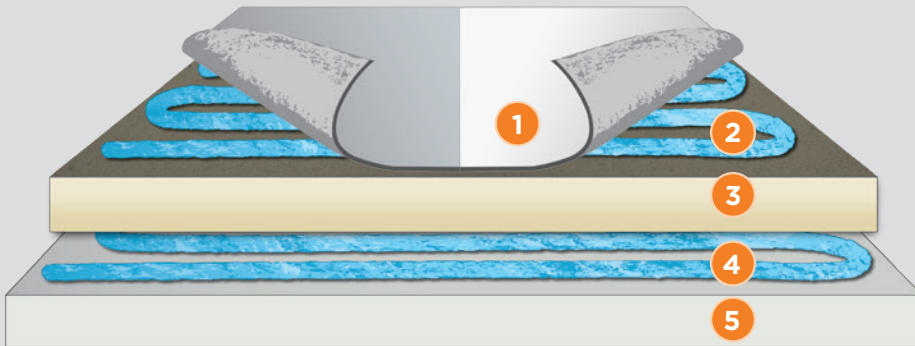


WeatherBond TPO Fleece

Fully Adhered Roofing System with Flexible DASH Adhesive



Typical Application

- 1 WeatherBond TPO Fleece Membrane
- 2 Flexible DASH Adhesive
- 3 Acceptable Insulation
- 4 Flexible DASH Adhesive
- 5 Approved Roof Deck

WeatherBond TPO Fleece Membranes for adhered roofing systems are available in the following:

Thickness	Roll Size	Color
100-mil	6' x 100'	White
	12' x 50'	White
	12' x 100'	White, Gray, Tan
115-mil (APEEL™ Available)	6' x 100'	White, Gray, Tan*
	12' x 50'	White, Gray
	12' x 100'	White, Gray, Tan*
135-mil (APEEL Available)	6' x 75'	White, Gray, Tan*
	12' x 75'	White, Gray
		White, Gray, Tan*

*Five special colors are available: medium bronze, patina green, rock brown, terra cotta, and slate gray

Description

WeatherBond's TPO Fleece membrane is reinforced and enhanced with fleece, creating a very tough, durable and versatile sheet that is ideal for re-roofing or new construction projects.

All WeatherBond Fleece TPO membranes utilize Octaguard XT™ weathering package technology to withstand extreme durability testing intended to simulate exposure to severe climates.

WeatherBond Fleece TPO systems are preferred for new construction and re-roofing projects, and are particularly well-suited for critical facilities that require superior protection against severe weather, as well as Roof Garden and solar applications. WeatherBond Fleece TPO membranes are installed using Flexible DASH Adhesive for a VOC-free, quite, low-odor, non-penetrating application and a roof system that offers superior wind uplift.

System Features And Benefits:

- Added Puncture / Tear Resistance
 - Fleece backing provides 30% greater puncture resistance than standard membrane
 - Combination of Fleece TPO membrane with Flexible DASH adhesive increases puncture resistance up to 50% compared to traditional competitive low-rise adhesives
- Superior Wind Uplift
 - Uplift pressures ranging from 90–990 psf depending on the substrate
- Increased Hail Performance
 - Passes FM's severe hail test
 - Passes UL-2218 Class 4 rating
- Expedient Installation without Interruptions
 - Labor-savings 12'-wide sheets result in 75% fewer seams than a modified bitumen system of comparable size
- Energy Efficient and Environmentally Sounds
 - Insulation adhered with Flexible DASH can reduce R-value loss by 3-8% by expanding and sealing insulation joints
- Flexible DASH Adhesive offers elongation properties up to 150%



WEATHERBOND
ROOFING SYSTEMS

Single-Ply Simplified

	New Construction						Re-roofing		
Existing or New Deck Type	Steel	Plywood	Lt. Wt. Concrete	Structural Concrete	Wood Planks	Gypsum & Fibrous Cement	Smooth-Surface BUR	Gravel-Surfaced BUR	Existing Single-Ply
Insulation Required	Yes	No	No	No	No	No	No	Yes	No
Recommended Insulations	WeatherBond Polyiso, SecurShield® HD, DensDeck® or SECUROCK® over acceptable insulation								
Insulation Attached By	Flexible DASH Adhesive or WeatherBond Fasteners								
Membrane Attached By	Flexible DASH Adhesive								

FOR TEAR OFF OPTIONS REFER TO NEW CONSTRUCTION ABOVE.
 For current code approvals, contact a design analyst.
 *Review current WeatherBond installation instructions for specific installation requirements.



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