



TITANIUM® PSU30 HIGH-TEMP SELF-ADHERED UNDERLAYMENT

Technical Data Sheet

Titanium® PSU30 is a high-temp self-adhered underlayment with exclusive Sure-Foot® technology that allows for easy steep slope walkability, even in wet or dusty conditions. This versatile premium underlayment offers exceptional tear strength and a watertight horizontal lap system*. Titanium® PSU30 is tough enough to perform during installation and beyond.



Features

- Engineered for waterproofing protection on 1/2:12 or greater sloped roofs[§]
- Acts as a secondary water barrier and is engineered to help prevent leaking from ice dams
- Up to six months of UV exposure protection
- 2.5x stronger^{††} than competitive high-temp underlayments

Code Approvals

- Code Compliance Research Report CCRR-1024
- Florida Product Approval
- Miami-Dade County Product Approval^{††}
- FORTIFIED Roof™ Approval
- Safe Use Instructions (SUI) Compliant
- Texas Department of Insurance

Physical Properties

Test Properties	Test Standard	PSU30 Test Standard Value
Permeability	ASTM E96	Pass
Tear Strength	ASTM D1970	6x > Min. Req.
Tensile Strength (Machine Direction/Cross Direction)	ASTM D1970	3.9x > Min. Req./ 2.5x > Min. Req.
Tensile Elongation (Machine Direction/Cross Direction)	ASTM D1970	2.3x > Min. Req./ 2.2x > Min. Req.
Weight per Square	ASTM D5261	0.22 lbs/sq. ft.
Nail Sealability	ASTM D1970	Pass
Nominal Thickness	ASTM D5147	45 mils
Thermal Stability	ASTM D1970	Pass
Low-Temp Flexibility	ASTM D1970	Unaffected at -20°F
Adhesion to Plywood	ASTM D1970	> Min. Req.
Tensile Adhesion Strength for Foam Adhered Tile*	TAS103	Pass
Class A Fire Resistance**	ASTM E108	Pass

Specifications	Data
Length per Roll	72' / 22 M
Width per Roll	36" / 91.4 CM
Weight per Roll	48 LBS / 21.8 KG
Gross Squares per Roll	2.14
Rolls per Pallet	25
Gross Weight per Pallet	1,300 LBS / 590 KG
UV Exposure TAS 103	180 Days

SCAN FOR MORE
INFORMATION



[§] Under standing seam metal roof panels, and lapped, non-soldered seam metal roofs with applied lap sealant.

* Tested in accordance with Self-Sealability around Nail; Self-Sealability of Side Lap Seam per ASTM D1970 (Owens Corning Testing, 2024)

* Approved for use with ICP AH-160 and RTA-1 and Dow Tilebond Foam Adhesives.

^{††} Compared to premium underlayments from competitive self-adhered brands (Owens Corning testing, 2024).

^{††} Besides mechanically attached and adhered tiles

** ASTM E108 Class A Fire Resistance when installed under asphalt shingles.

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