



## DESCRIPTION

The X-PU® Fleece-Top® underlayment is a premium, high-temperature roofing solution ideal for tile and metal roofs or where mechanically fastened systems are needed. Built with dual reinforcements, heavy-weight polyester and high-tensile glass, it ensures superior strength, waterproofing, and flexibility. Designed for foam adhesive, mechanical, or hybrid attachment systems, it enhances indoor environments by keeping homes and buildings dry and protected.

## USES

- Suitable for use under tile, metal, and other roof systems.
- Designed for high-temperature applications.
- Offers protection against wind-driven rain and water intrusion.
- Safeguards against ice and water dams.
- Provides protection against the spread of fire.

## RESIDENTIAL

Tile and metal roof underlayment for mechanically and fully adhered systems. It can also be used as a 2-ply system for new construction applications where code is required.

## COMMERCIAL

Designed as a water-proofing layer direct to deck and covering with TRC Coatings for a commercial system warranted for up to 50 years.

## PRODUCT SPECS

Technical Description*		
Physical Properties	ASTM Method	ASTM Value
Maximum Load, Longitudinal and Traverse, min, kN/m [lbf/in.]	D5147	4.4 [25]
Elongation at break, min of modified bitumen portion [%]	D5147	10
Tear Resistance, Longitudinal and Traverse, min, N [lbf]	D5147	89 [20]
Moisture Vapor Permeability, max, perms	E96	0.1
Adhesion to Plywood min at 40F, lbf/ft width	D1970	2.0
Adhesion to Plywood min at 75F, lbf/ft width	D1970	12.0
Sealability around nail	D1970	pass
Waterproof integrity after low temp flexibility	D1970	pass
Waterproof integrity of lap seam	D1970	pass
Slip Resistance	D1970	pass

\*The properties in this table are "as manufactured" unless otherwise noted.

## FEATURES & BENEFITS

- ✓ Premium self-adhered underlayment for fast, easy installation
- ✓ Dual compound self-adhered technology to help alleviate all stresses.
- ✓ Suitable under all roofing materials.
- ✓ Superior slip-resistant, high strength non-woven polyester surface reinforced with dimensionally stable fiberglass for added protection.
- ✓ Excellent adhesion to foam fastening roof tiles resulting in high wind uplift resistance.
- ✓ Self-seals around mechanical fasteners
- ✓ UV resistant for up to 180-days of exposure
- ✓ Up to 10 tiles per stack when roof loading
- ✓ Stable in low and high temperatures for all climates. One product for all climate zones.
- ✓ Immediately watertight seams.
- ✓ High Temperature softening point > 265 °F
- ✓ 50-year manufacturer's limited warranty.
- ✓ Silicone-treated split-back release films allow for easy removal of film.
- ✓ Provides excellent low temperature flexibility
- ✓ Wind Proof
- ✓ Easy Installation
- ✓ Waterproof

## PRODUCT INFORMATION:

- Coverage (approx): 200 sqft (18.5 sqm)
- Weight (approx.): 55 lbs. (25 kg)
- Thickness (nominal): 60 mil (1.5 mm)
- Roll size: 65' 8" x 39 3/8" (20m x 1m)
- Rolls per pallet: 20

## COMPLIANCE

- Exceeds ASTM D1970 standards.
- Approved by the Florida Building Code.
- Certified by Miami-Dade County Product Control.

## LIMITED WARRANTY AND DISCLAIMER:

To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance and is subject to change without prior notice. User must contact Perma-Tech Roofing Supply to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. Liability, if any, is limited to replacement of product unless installed by an approved contractor in accordance with Perma-Tech Roofing Supply warranty procedures and program. For limited manufacturer's warranty and disclaimer information, visit our website at: [www.permatechroofing.com](http://www.permatechroofing.com).