

HG HYDRAGUARD™ TILE PRO® SELF-ADHERED ROOFING & WATERPROOFING UNDERLAYMENT

PRODUCT DESCRIPTION

Tile Pro is a dual layer rubberized asphalt waterproofing underlayment, fiberglass reinforced, with a high strength polyester fabric on the upper surface designed specifically for use as an underlayment for roof tile applications. Tile Pro is ideally suited for mechanically fastened tile and metal roof applications.

Tile Pro underlayments are manufactured with an aggressive self adhesive compound on the bottom layer featuring patented SEALLap®, a factory applied adhesive treatment at the product overlap which provides for greater ease of application, as well as improved product performance.

Tile Pro is packaged in a roll of approximately 200 sq ft, weighing 70 lbs in a patented Easybox® that facilitates easy handling of the rolls.

USES

- Multi purpose steep slope underlayment; specially designed for roof tile applications
- Designed as effective reinforcement for perimeter and flashing details
- For use in mechanically fastened tile, or metal roof applications

FEATURES AND BENEFITS

- Proprietary asphalt compound and fiberglass mat for exceptional dimensional stability
- Non-wicking polyester reinforced surface engineered for superior slip resistance
- Approved exposure rating to 90 days (or as limited by local building codes)

TECHNICAL DESCRIPTION

TEST METHOD	PROPERTY	TYPICAL VALUE
ASTM D5147	Thickness, min, mm (mils)	1.5 (60)
ASTM D5147	Maximum Load, Longitudinal and Transverse, min, kN/m (lbf/in.)	4.4 (25)
ASTM D5147	Elongation at break, min of modified bitumen portion (%)	10
ASTM D5147	Tear Resistance, Longitudinal and Transverse, min, N (lbf)	89 (20)
ASTM E96	Moisture Vapor Permeability, max, perms	0.1
ASTM D1970	Adhesion to Plywood @ 40F, min, lbf/ft width	2.0
ASTM D1970	Adhesion to Plywood @ 75F, min, lbf/ft width	12.0
ASTM D1970	Sealability around nail	pass
ASTM D1970	Waterproof integrity after low temp flexibility	pass
ASTM D1970	Waterproof integrity of lap seam	pass
ASTM D1970	Slip Resistance	pass



PRODUCT DATA

Coverage (Approx)	200 sq ft
Weight (Approx)	70 lbs
Roll Size	61' x 39 3/8"
Rolls/Pallet	20

APPLICABLE STANDARDS

- ASTM D1970, ASTM D5147
- Florida Building Code Approved
- Miami Dade Approved





HYDRAGUARD™

TILE PRO®

SELF-ADHERED ROOFING & WATERPROOFING UNDERLAYMENT

APPLICATION INSTRUCTIONS

- Apply Tile Pro directly to the roof deck.
- Do not apply to shingles or other roof coverings.
- Apply only when the weather is dry and material interface temperatures (air, roof deck, membrane) are 40° F and rising.
- Always start at the lowest point of the roof deck where possible.
- Cut the Tile Pro to a suitable, workable length (typically between 9 and 15 feet).
- Lay the material flat in place, starting at the lowest point. Overlap seams 3" minimum and endlaps 6" minimum.
- Peel half of the backing off the roll and apply firm, even pressure from the center to the outer edges.
- Remove the backing from the remaining half of the roll and apply pressure.
- Always ensure that Tile Pro is applied over the area to cover the highest point of "ice damming".
- Be sure to follow all local building code recommendations and requirements with regards to the width of ice dam materials.
- If full roof coverage application is desired, proper venting of the structure is required.
- Consult a design professional for proper venting requirements.
- In steep slope applications (i.e. 3:12 slope or higher) where backnailing will be required, be sure that all nails are covered by the overlapping next sheet.
- Tile Pro must be covered within 90 days of installation unless otherwise limited by local authorities.
- Use Polyglass PG 500 MB or Polyplus 50 MB Flashing Cement to seal all end laps, hip and ridge details, and any "fabric to fabric" splices, patches or details.
- Apply a bed of cement on any metals, vents, stacks, chimneys, and other roof accessories.
- Use on any repairs to the underlayment prior to application of the final roof covering.

MANUFACTURING FACILITIES

- Winter Haven, FL

CORPORATE HEADQUARTERS

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Questions? technical@polyglass.com

Product Disclaimer: Unless otherwise incorporated into or part of a supplemental manufacturer's warranty, Polyglass warrants its product(s) against manufacturing defects in its product that directly results in leakage for a period of 1 year.

Refer to material safety data sheet (MSDS) for specific data and handling of our products.

All data furnished refers to standard production using manufacturing testing tolerances. The product user, and not Polyglass, is responsible for determining the suitability and compatibility of our products for the user's intended use.

For the most current product data and warranty information, visit www.hydraguardroofproducts.com