

POLYANCHOR® HU

WITH **TRI-STRATA™** TECHNOLOGY

MODIFIED BITUMEN HYBRID ROOF UNDERLAYMENT

PRODUCT DESCRIPTION

Polyanchor HU is a mechanically attached roof underlayment engineered with reinforced fabric exterior facers bonded to a modified bitumen core.

Featuring patent-pending Tri-Strata™ Technology, its three-layer construction integrates high-strength fabric facers with over 80% of the product composition consisting of a modified bitumen core to deliver strong tear resistance, flexibility and long-term weather durability. It is designed to withstand jobsite traffic, wind uplift, and exposure during installation. The modified bitumen core enhances sealability around fasteners, helping protect against moisture intrusion at nail penetration points.

Designed for steep-slope roofing applications, Polyanchor HU provides dependable deck protection, enhanced walkability, and consistent performance across a wide range of roof coverings, making it a reliable choice for new construction.

TYPICAL APPLICATIONS

- Water resistant hybrid underlayment for use under mechanically attached tile, asphalt shingles and shakes
- Nailable anchor sheet above approved steep-slope wood decks for temporary waterproofing protection
- Ideal for mechanically attached tiles in new construction applications

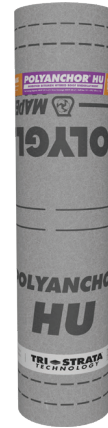
FEATURES AND BENEFITS

- Modified bitumen core enhances nail sealability around fasteners and penetrations
- Over 80% of the product composition consists of elastomeric modified bitumen, which enhances durability, flexibility, and long-term performance.
- Tri-Strata™ reinforced construction delivers tear strength and puncture resistance
- Up to 180 days of UV exposure
- Flexible construction helps the underlayment lay flat and handle easily during installation
- Reinforced surface enhances walkability and traction

TECHNICAL DESCRIPTION*

Physical Properties	ASTM Method	ASTM Value
Perms Water Transmission	D4869	Pass
Tear strength,	D1922	4 - MD 4 - XMD
Breaking Strength	D146	7 - MD 3.5 - XMD
Pliability	D228	Pass
Dimensional Stability	F1087	Pass
Liquid water transmission test	D4869	Pass
Unrolling @ 32°F & 140°F	D226	Pass
Nail Sealability	D1970	Pass
Slip Resistance	D1970	Pass

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



PRODUCT DATA*

Net Coverage (Approx)	...400 ft ² (37.2 m ²)
Gross Coverage430 ft ² (40 m ²)
Weight (Approx) 60 lb (27 kg)
Thickness (Nominal) 40 mils (1 mm)
Roll Size 131' x 39 3/8" (40 m x 1 m)
Rolls/Pallet23

*All values are nominal at time of manufacturing

APPLICABLE STANDARDS

- Meets physical and performance requirements of ASTM D226, Type II and ASTM D4869, including resistance to liquid water transmission.



PRODUCT CODES

- 7501234000

POLYGLASS



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GENERAL RECOMMENDATIONS

- Although Polyanchor HU is designed primarily for use under asphalt shingles or mechanically attached concrete/clay roof tile coverings, it is also suitable for installation beneath wood or synthetic shakes, synthetic shingles, and slate tiles. Polyanchor HU is not intended for use in foam-applied tile systems where adhesive is applied directly to the surface.
- Be sure to follow all local building code recommendations and requirements.
- Do not apply directly onto existing shingles or other roof coverings.
- Apply only over an approved deck type. The deck substrate must be dry, clean, and free of depressions, projections, and protruding fasteners.
- Polyanchor HU shall not be applied directly over open, unsupported deck joints. All deck joints or voids ¼" or greater shall be reinforced by taping, stripping in, or installing an additional layer, as permitted by applicable local building code requirements.
- Polyanchor HU is intended for a maximum exposure of 180 days. The Authority Having Jurisdiction, local codes, and weather conditions may affect the allowable exposure duration. It is not designed for permanent exposure. Do not use in exposed applications such as crickets, open valleys, or uncovered vertical walls.
- Polyglass recommends that the applicator follow good roofing practices, application procedures as outlined in the NRCA, ARMA, other published practices, as well as the roofing covering manufacturer's recommendations.
- Use loading battens or other suitable restraint methods during material staging on slopes—including slopes below 6:12—if there is any risk of material slippage.
- For detailed drawings, videos, and recommended installation procedures, please refer to our website at www.polyglass.us.

UNDERLAYMENT INSTALLATION

- Ensure deck is clean, dry, dust and debris-free substrates prior to installation.
- Polyanchor HU is to be positioned parallel to the eave. The perimeter course of Polyanchor HU should be cut to ensure offset head-laps from the cap sheet. A centerline on the surface of Polyanchor HU is present to cut the sheet in half if desired.
- Polyanchor HU shall be mechanically attached to the deck using fasteners and fastening patterns approved in accordance with applicable local building codes.
- Avoid walking on the Polyanchor HU until sufficiently attached to the deck to safely walk on it.
- Succeeding courses of Polyanchor HU should be lapped 2" to 4" at the head-lap and a minimum of 6" at end-laps, or as directed by the local building code.
- Polyanchor HU at valleys shall be either woven, extending through the valley line, or center cut.

MANUFACTURING FACILITIES

- Fernley, NV
- Hazleton, PA
- Waco, TX
- Winter Haven, FL

CORPORATE HEADQUARTERS

Polyglass U.S.A., Inc.

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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 safety data sheet (SDS) for specific data and handling of our products. All data furnished refers to standard production and is given in good faith within the applicable manufacturing and testing tolerances.

Polyglass U.S.A., Inc., reserves the right to improve and change its products at any time without prior notice. Polyglass U.S.A., Inc. cannot be held responsible for the use of its products under conditions beyond its own control. For most current product data and warranty information, visit www.polyglass.us.