

POLYGLASS®



POLYANCHOR® HV

HIGH VELOCITY WIND ANCHOR SHEET

Polyanchor® HV is a nailable anchor sheet specially designed for the temporary protection of steep-slope roofs in areas prone to high winds. Polyanchor® HV uses a strong bituminous bonding surface combined with a special tear resistant fiberglass mat to provide superior wind uplift resistance.

The top surface of Polyanchor® HV is formulated to provide an ideal bonding surface for Polystick® polymer modified self-adhered underlayments. The bituminous compounds in the sheet enhances sealability around fasteners and moisture protection while the heavy-duty mat provides strength and tear resistance around fasteners and plates.

- Designed to comply with stricter building codes, including Florida Building Code 2023 8th Edition
- Ideal recovery anchor sheet over existing self-adhered underlayments
- 2.5X greater nail pull through vs. conventional felts*
- Over 80% stronger top surface bond with Polystick Underlayments vs. adhesion to conventional felts**
- Achieve desired wind uplift with less fasteners than conventional felts***
- Easy to work with; lays flat and walk confidently on sloped roofs
- Extend Polystick warranties an additional five (5) years when Polyanchor HV is installed with Polystick Underlayments.
(Reference Polyglass Warranties Terms & Conditions)

Typical Applications

- Nailable anchor sheet over approved steep-slope wood decks for temporary waterproofing protection
- Roof re-cover anchor sheet over existing Polystick underlayments
- Base sheet for Polystick® tile underlayments for concrete, clay, and slate tiles roof covering systems
- Water-resistant barrier on steep slope roofing under asphalt shingles and shakes

Features and Benefits

- Duofix™ Technology provides superior wind uplift resistance.
- Top surface specially designed to provide highly bondable surface for Polystick® underlayments
- Surface engineered for walkability on sloped roofs
- High tensile-tear strength mat provides increased fastener and plate tear through resistance
- Nail sealing modified asphalt compound



Product Data

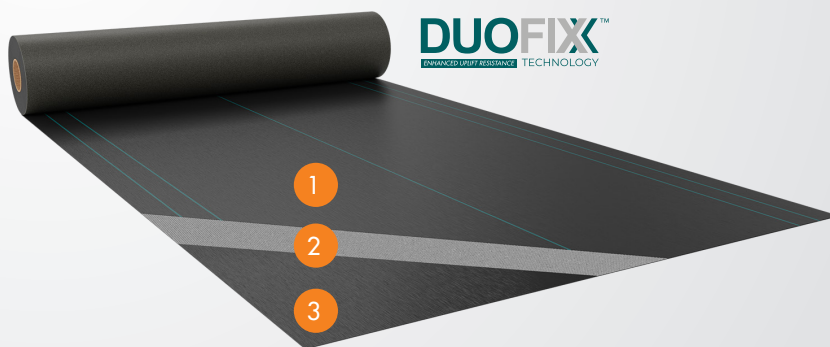
Net Coverage (Approx) ..	200 ft² (18.5 m²)
Gross Coverage	215 ft² (20 m²)
Weight (Approx).....	57 lbs (26 kg)
Thickness (Nominal)	55 mils (1.4 mm)
Roll Size	65' 8" x 39 3/8" (20 m x 1 m)
Rolls/Pallet	30

Note: All values are nominal at time of manufacturing

Applicable Standards

Meets physical and performance requirements of ASTM D6757 and performance requirements of ASTM D226 and ASTM D4869, including resistance to liquid water transmission.

Florida Building Code Product Approval #FL5259 (HVHZ) & #FL5259 (NON-HVHZ), UL Classified



1. High-Bond Bituminous Impregnated Surface
2. High Tensile-Tear Fiberglass Reinforced Mat
3. Water Resistant Asphaltic Compound with Sand Surfacing

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(888) 410-1375

For more information contact your local Polyglass Sales Representative

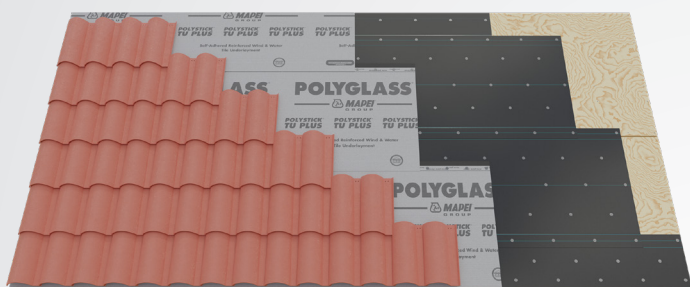
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Polyanchor® HV is ideally suited for use with clay/concrete tile roof systems with Polystick® TU Plus or TU Max as the final substrate for the roof covering. Polyanchor® HV is also suitable for use under asphalt shingles.



New Roof/Re-Roof



Re-Cover Over Existing Polystick® Underlayment

Polyanchor® HV has been tested in a variety of fastening patterns to achieve the desired wind uplift resistance without the need to extrapolate even in up to 180 mph wind zones.***

ASTM TYPICAL PROPERTIES CHART

Physical Properties	Test Method	ASTM Value	Typical Performance
Break Strength, min. at 77°F (25°C), kN/m	ASTM D226 Type II (ASTM D146)	7.0 - MD	11 - MD
		3.5 - XMD	10 - MD
Tear strength, min. at 23 ± 2°C, (73 ± 4°F), N	ASTM D4073	89 - MD	1000 - MD
		89 - XMD	1000 - XMD
Dimensional stability, low humidity to high humidity, max elongation, %	ASTM F1087	1.65	0.5 - MD
			0.5 - XMD
Pliability at 23 ± 2°C, (73 ± 4°F)	ASTM D228	Pass	Pass
Liquid water transmission test	ASTM D4869	Pass	Pass
Behavior (loss) on heating at 105°C [221°F] for 5 h, max, %	ASTM D228	4	0.1
Nail Sealability, Protocol 1	ASTM D7439	Pass	Pass

Note: Refer to local codes, listings, or requirements of the AHJ. Codes supersede Polyglass requirements and recommendations.

* Average based on TAS 117 (B) 95 testing vs. three popular 30# felts using tin caps and nails

** Based on modified ASTM D1970 testing adhesion of Polystick TU Max over Polyanchor HV vs. three popular 30# felts after three thermal cycles.

*** Refer to FBC product listings #FL5259 (HVHZ) & #FL5259 (NON-HVHZ) for specific requirements and competitor listing for updated data.



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