

**POLYGLASS**



# POLYANCHOR<sup>®</sup> HV

## HIGH VELOCITY WIND ANCHOR SHEET

Polyanchor<sup>®</sup> HV is a nailable anchor sheet specially designed for the temporary protection of steep-slope roofs in areas prone to high winds. Polyanchor<sup>®</sup> 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<sup>®</sup> HV is formulated to provide an ideal bonding surface for Polystick<sup>®</sup> 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<sup>®</sup> 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<sup>™</sup> Technology provides superior wind uplift resistance.
- Top surface specially designed to provide highly bondable surface for Polystick<sup>®</sup> 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

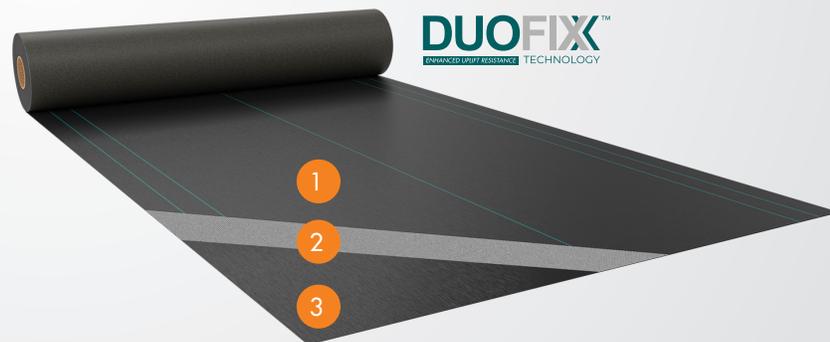
Net Coverage (Approx) ..	200 ft <sup>2</sup> (18.5 m <sup>2</sup> )
Gross Coverage .....	215 ft <sup>2</sup> (20 m <sup>2</sup> )
Weight (Approx).....	57 lbs (26 kg)
Thickness (Nominal) .....	55 mils (1.4 mm)
Roll Size .....	65' 8" x 39 3/8" (20 m x 1 m)
Rolls/Pallet .....	30

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<sup>®</sup> HV

## HIGH VELOCITY WIND ANCHOR SHEET

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



New Roof/Re-Roof



Re-Cover Over Existing Polystick<sup>®</sup> Underlayment

**Polyanchor<sup>®</sup> 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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