POLYGLASS® G2 BASE

BASE SHEET

PRODUCT DESCRIPTION

Polyglass G2 Base is a fiberglass mat coated with an oxidized asphalt blend, which provides enhanced weathering and aging characteristics.

Polyglass G2 Base is designed as a base sheet for built up and modified roofing applications. It provides great tear and pull through resistance.

Meets or exceeds ASTM D4601.

TYPICAL APPLICATIONS

- Specially designed as a base layer in mechanically attached and hot mop applications. May also be suitable in cold-applied system. Consult Polyglass technical services.

FEATURES AND BENEFITS

- Puncture and tear resistant
- Superior pliability and dimensional stability
- Wrinkle resistant; will lay flat for easy install
- Consistent thickness on both sides

TECHNICAL DESCRIPTION*

Physical Properties	ASTM Method	ASTM Value
Mass of Desaturated Glass Mat, lb/100 ft²	ASTM D4601	1.7
Surfacing and stabilizer, max %	ASTM D4601	65
Mass of Asphalt Coating, lb/100 ft²	ASTM D4601	7.0
Breaking strength @ 77°F (longitudinal and transverse), lbf/in	ASTM D4601, Type II	44

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

PRODUCT DATA**

Gross Coverage (Approx)…325 ft² (30 m²)
Weight (Approx) …………… 78 lbs (35 kg)
Roll Size ….108' × 36" (33 m × 0.914 m)
Rolls/Pallet………………………………20

**All values are nominal at time of manufacturing

APPLICABLE STANDARDS

- ASTM D6401, Type II
- UL Classified
- Florida Building Code
- Miami-Dade County Approved
- Texas Department of Insurance

PRODUCT CODES

- PB1101

POLYGLASS®
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www.polyglass.us

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APPLICATION INSTRUCTIONS

Polyglass G2 Base is intended to be used as a base sheet in new or re-roof applications. Polyglass G2 Base may be applied directly to non-combustible substrates. Polyglass G2 Base requires the installation of a compatible additional membrane(s) to complete roofing system.

- Apply over clean, dry, dust and debris-free substrates. Prime concrete decks prior to application with PG 100 Asphalt Primer.
- When reroofing, remove all prior roofing materials down to a clean debris-free substrate and properly close off all abandoned roof penetrations.
- Concrete or steel decks shall be designed with proper expansion devices.
- Wood decks shall have all joints blocked or properly supported as required by Building Design and Code. Only apply to suitable substrates.
- Ensure the fire rating of the assembly over any combustible substrate.
- Ensure the installation of Polyglass G2 Base does not prevent the ventilation of existing construction.
- While installing Polyglass G2 Base:

  1. Start at the low point of the roof.
  2. Unroll the material and allow to relax prior to installation.
  3. Position successive rolls providing a minimum 6" end lap and 3" side lap.

- Polyglass G2 Base can be used as a base sheet in flashing applications. Check project details for proper installation requirements.
- For detailed drawings and recommended installation procedures of typical roof segments, such as drip edge and T-joint conditions, please refer to our website at, www.polyglass.us

MANUFACTURING FACILITIES

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

CORPORATE HEADQUARTERS

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Customer Service: (800) 222-9782
Technical Service: (866) 802-8017

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

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