

POLYGLASS® PLY IV

Mid-ply Sheet for Polyglass Roofing Applications

PRODUCT DESCRIPTION

Polyglass Ply IV is manufactured with a heavyweight fiberglass mat containing heat-cured resinous binders. The high strength glass mat is saturated with asphalt, giving Polyglass Ply IV excellent strength and weathering characteristics, as well as a uniform porosity for ease in application.

Polyglass Ply IV is a ply sheet used in hot mopped roofing applications and may be the basic ply sheet used in all smooth and gravel surfaced roofing systems requiring the ASTM D2178 TYPE IV felt. Meets Florida Approval BFL # 2074.

Meets or exceeds ASTM D2178

USES

- Specially designed as a mid-ply in hot mop applications

FEATURES AND BENEFITS

- Puncture and tear resistant
- Superior pliability and dimensional stability
- Wrinkle resistant; will lay flat for easy install

TECHNICAL DESCRIPTION

TEST METHOD	PROPERTY	TYPICAL VALUE
ASTM D2178	Mass of Desaturated Glass Mat	1.9 lb/100 ft ²
ASTM D2178	Bituminous Saturant (Asphalt)	3.0 lb/100 ft ²
ASTM D2178	Breaking Strength (longitudinal and transverse)	60 lbf/in



SBS PRODUCTS

PRODUCT DATA

Coverage (Nominal)	500 sq ft
Weight (Approx)	44 lbs
Roll Size	162'2" x 39 3/8"
Rolls/Pallet	25

APPLICABLE STANDARDS

- ASTM D2178 Type IV
- UL Classified for use in class A, B and C roofs, as listed in the latest UL "Roofing Materials and System Directory"



PRODUCT WARRANTY

Polyglass USA, Inc. commercial roofing membranes can be backed with a manufacturer's warranty for up to 20 years when used as part of an approved, multi-ply roofing system. Please see your Polyglass USA, Inc. Sales or Technical Representative for specifications and details.



1-800-222-9782

www.polyglass.com

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APPLICATION INSTRUCTIONS

Polyglass Ply IV is intended to be used as a mid-ply in new or re-roof applications. Polyglass Ply IV may be applied directly to non combustible substrates, rigid coverboards as well as other suitable substrates. Polyglass Ply IV requires the installation of a compatible additional membrane(s) to complete the roofing system.

- Apply over clean, dry, dust and debris-free substrates. Prime concrete decks prior to application with Polyglass 10 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 Ply IV does not prevent the ventilation of existing construction.
- While installing Polyglass Ply IV:
 1. Start at the low point of the roof.
 2. Unroll the material and allow to relax.
 3. Position successive rolls providing a minimum 6" end lap and 3" side lap.
- Polyglass Ply IV can be used as a base sheet in flashing applications. Check project details for proper installation requirements.

MANUFACTURING FACILITIES

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

CORPORATE HEADQUARTERS

Polyglass U.S.A., Inc.
1111 West Newport Center Drive
Deerfield Beach, FL 33442
www.polyglass.com
General Line: (888) 410-1375
(954) 233-1330
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 material safety data sheet (MSDS) 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.xtraflexroofsystems.com



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