# POLYGLASS® PLY IV
## INTERPLY 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 or exceeds ASTM D2178.

## TYPICAL APPLICATIONS

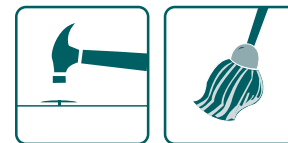- Specially designed as an interply in hot mop applications

## FEATURES AND BENEFITS

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

## TECHNICAL DESCRIPTION*

| Physical Properties | ASTM Method | ASTM Value |
|---|---|---|
| Mass of Desaturated Glass Mat, lb/100 ft² | ASTM D2178 | 1.8 |
| Bituminous Saturant (Asphalt), lb/100 ft² | ASTM D2178 | 3.0 |
| Breaking Strength (longitudinal and transverse), lbf/in | ASTM D2178 | > 45 |

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

## PRODUCT DATA**

Gross Coverage (Approx)... 540 ft² (50.2 m²)
Weight (Approx) ............ 40 lbs (18.1 kg)
Roll Size .... 180' × 36" (55 m × 0.914 m)
Rolls/Pallet.......................................20

**All values are nominal at time of manufacturing

## APPLICABLE STANDARDS

- ASTM D2178, Type IV
- UL Classified
- Florida Building Code
- Texas Department of Insurance

## PRODUCT CODES

- PPLY4

**POLYGLASS®**
MAPEI GROUP

www.polyglass.us

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### APPLICATION INSTRUCTIONS

Polyglass Ply IV is intended to be used as a interply 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 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 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 prior to installation.
  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.
- 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

Polyglass U.S.A., Inc.
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Deerfield Beach, FL 33442
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| | |
|---|---|
| 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 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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