

MAPEPLAN® P DETAIL MEMBRANE

PVC DETAIL MEMBRANE

PRODUCT DESCRIPTION

Mapeplan P Detail Membrane is specifically designed for use in flashing areas where the membrane needs to conform to more detailed areas or areas where a reinforced flashing membrane will not conform as needed. Mapeplan P Detail Membrane is a non-reinforced PVC membrane made with Elvaloy® KEE compatible with Mapeplan PVC systems for membrane durability and overall longevity. The membrane is installed by hot-air welding with a 2" (50.8 mm) minimum weld.

TYPICAL APPLICATIONS

- Flashings
- Roof Penetrations

FEATURES AND BENEFITS

- Elvaloy® KEE for enhanced durability and longevity
- Weldable for permanently watertight seams
- Available in white, tan, and grey

TECHNICAL DESCRIPTION*

Physical Properties	ASTM Method	ASTM Value	Typical Performance
Overall thickness.	D751	0.045" (1.14 mm)	0.055" (1.52 mm)
Breaking strength, min.	D751 Grab Method	200 lbf/in (890 N)	200 lbf/in
Elongation at break, min.	D751 Grab Method	15%	15%
Seam strength, min.	D751 B-Tongue	75%	90%
Retention of properties after heat aging:	D3045		
Breaking strength, min.	D751 Grab Method	90%	90%
Elongation, min.	D751 Grab Method	90%	90%
Tearing strength, min.	D751	45 lbf (200 N)	45 lbf (200 N)
Low temperature bend	D2136	pass	-40°C (-40°F)
Accelerated weathering test (cracking/crazing)	G155	none	none
Linear dimensional change, max.	D1204	0.50%	0.50%
Change in weight after immersion in water, max.	D570	± 3.0%	± 3.0%
Static puncture resistance	D5602	pass	pass
Dynamic puncture resistance	D5635	pass	pass

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

AVAILABLE COLORS

White (WH) Grey (GR) Tan (TA)



PRODUCT DATA**

Net Coverage 100 ft²
 Thickness 55 mils (1.39 mm)
 Roll Size 24" x 50' (61 cm x 15.2 m)
 Roll Weight 40 lb (18 kg)
 Rolls/Pallet 50

**All values are nominal at time of manufacturing

PRODUCT CODES

- 7541738000 – White
- 7541738001 – Tan
- 7541738002 – Grey

POLYGLASS



www.polyglass.us

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APPLICATION INSTRUCTIONS

- Substrates must be clean, dry, and smooth.
- All seams must be heat-welded.
- Install Mapeplan P Detail Membrane in accordance with Polyglass technical specifications.

Elvaloy® KEE is a registered trademark of DuPont.

MANUFACTURING FACILITIES

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

CORPORATE HEADQUARTERS

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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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