

MAPEPLAN® P T-PATCHES

PVC T-PATCHES

PRODUCT DESCRIPTION

Mapeplan P T-Patches are factory-produced flashings made from 55 mil non-reinforced Elvaloy® KEE membrane. They are designed to seal membrane overlaps and transitions at splice intersections, which are common stress points in single-ply systems. T-Patches provide a uniform, consistent layer of material that reinforces these areas and enhances long-term watertight performance. Installation is required on all Mapeplan PVC roof systems to ensure proper seam detailing and system integrity.

TYPICAL APPLICATIONS

- Sealing step-offs at splice and seam intersections
- Reinforcing transition points in Mapeplan PVC systems
- Improving watertightness at detailed membrane connections

FEATURES AND BENEFITS

- Hot-air welded to the membrane for a permanent, monolithic bond
- Non-reinforced construction conforms easily to membrane contours
- Helps prevent water infiltration at seam intersections
- Durable Elvaloy® KEE compound offers long-term flexibility and performance

TECHNICAL DESCRIPTION*

Physical Properties	ASTM Method	ASTM Value	Typical Performance
Overall thickness, min.	D751	0.045" (1.14 mm)	0.060" (1.52 mm)
Thickness over scrim, min.	D7635	0.016" (0.40 mm)	0.019" (0.48 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 4.5" diameter (11.4 cm)
Thickness 60 mils (1.52 mm)
Packaging 100 patches/carton
Cartons/Pallet 168

**All values are nominal at time of manufacturing

PRODUCT CODES

- 84997003 – White
- 84997004 – Tan
- 84997005 – Grey

POLYGLASS®



www.polyglass.us

MAPEPLAN® P T-PATCHES

PVC T-PATCHES

APPLICATION INSTRUCTIONS

1. Clean the splice intersection area with an acetone-based PVC membrane cleaner to remove dust, dirt, and contaminants.
2. Set the heat welder to a lower temperature than used for reinforced membrane. A setting of about "6" on a scale of "10" is typically appropriate for welding Mapeplan P T-Patches.
3. Center the T-Patch over the splice intersection. Begin welding at the center and work outward. Use the edge of the roller to press the patch into any membrane step-offs to ensure a continuous, secure weld.
4. After welding, check all seams with a probe to identify any voids or cold welds. Repair as needed to achieve a complete watertight seal.

NOTES:

- Mapeplan P T-Patches are not intended to cover fasteners or plates. These areas must be flashed with reinforced membrane.
- Store T-Patches in a cool, shaded location. Cover with light-colored, breathable, waterproof tarpaulins to protect them from heat and UV exposure.

Elvaloy® is a registered trademark of DuPont.

MANUFACTURING FACILITIES

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

CORPORATE HEADQUARTERS

Polyglass U.S.A., Inc.
1111 West Newport Center Drive
Deerfield Beach, FL 33442
www.polyglass.us

General Line: (888) 410-1375
(954) 233-1330
Customer Service: (800) 222-9782
Technical Service: (866) 794-9659

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.



POLYGLASS®



www.polyglass.us