



MapetexTM PM

Polyester Mesh for MapelasticTM SRW Waterproofing Products

DESCRIPTION

Mapetex PM spunlace fabric mesh is a textile material composed of 100%-polyester staple fibers that are hydraulically entangled. *Mapetex PM* is designed to act as reinforcement when used in conjunction with *Mapelastic SRW Spray-Grade* and *Mapelastic SRW Roll-Grade* fluid-applied membranes. *Mapetex PM* reinforces and improves the performance of MAPEI's waterproofing membranes when applied over cracks, coves and corners as well as around drains on residential and commercial floors, walls and ceilings.

FEATURES AND BENEFITS

- Excellent conformability and elongation
- Lightweight
- High tensile strength
- Exceptional tear resistance
- Open aperture that allows saturation
- Good chemical resistance
- Flat-laying, non-raveling, and easy to cut with scissors or a razor knife

WHERE TO USE

See MAPEI's Technical Data Sheets (TDSs) for *Mapelastic SRW Spray-Grade* and *Mapelastic SRW Roll-Grade*.

LIMITATIONS

- Do not use *Mapetex PM* when elongation and movement are not desired.
- See also MAPEI's TDSs for *Mapelastic SRW Spray-Grade* and *Mapelastic SRW Roll-Grade*.

SUITABLE SUBSTRATES

See MAPEI's TDSs for *Mapelastic SRW Spray-Grade* and *Mapelastic SRW Roll-Grade*.

SURFACE PREPARATION

- All suitable substrates must be smooth, structurally sound and free from any substance that could prevent adhesion.
- Do not use chemical means (acid etching or stripping) to prepare approved substrates. Use mechanical methods only.
- To remove any bond-inhibiting materials, concrete substrates should be mechanically cleaned and prepared by sandblasting, high-pressure waterjets or other engineer-approved methods to obtain the International Concrete Repair Institute (ICRI) concrete surface profile (CSP) of #2. When concrete requires more mechanical preparation, the profile typically should be increased.
- See TDSs of individual waterproofing products for other important surface preparation instructions.

PRODUCT APPLICATION

See MAPEI's TDSs for *Mapelastic SRW Spray-Grade* and *Mapelastic SRW Roll-Grade* for specific application instructions.

1. Manually apply or spray a thick uniform layer of *Mapelastic SRW Spray-Grade* or *Mapelastic SRW Roll-Grade* at 60 mils or 1,5 mm WFT (wet film thickness).
2. While *Mapelastic SRW Spray-Grade* or *Mapelastic SRW Roll-Grade* is still fresh, carefully lay *Mapetex PM* on the surface and press it firmly using a flat-bladed trowel to ensure that it is perfectly embedded.
3. Apply a second layer of *Mapelastic SRW Spray-Grade* or *Mapelastic SRW Roll-Grade* at a uniform thickness of 60 mils or 1,5 mm WFT in order to completely cover the *Mapetex PM* mesh.
4. When laying adjacent sheets of *Mapetex PM*, one sheet must overlap the other by 2" (5 cm) at both the longitudinal and transverse junction points.

Chemical Resistance

Chemical	Exposure (at room temperature)	Retained Strength
Dimethyl formamide	1,000 hours	100%
Ethylene glycol	1,000 hours	100%
1% sodium hydroxide	6 hours	100%
60% sulfuric acid	150 hours	54%
Perchlorethylene	1,000 hours	100%
Acetone	1,000 hours	100%
Distilled water	1,000 hours	100%

Product Performance Properties

Laboratory Tests	Results*
Weight – ASTM 3776	2.09 U.S. oz. per sq. yd. (71 g per m ²)
Tensile strength, machine direction (MD) – ASTM 5034	31.15 lb. per in. (5455,2 N per m)
Tensile strength, cross direction (CD) – ASTM 5034	0.35 lb. per in. (61,3 N per m)
Elongation, MD – ASTM 5034	26.3%
Elongation, CD – ASTM 5034	45.3%
Thickness – ASTM 1777	11.8 mils (0,3 mm)

* Results have a +/- range of 10%.

Packaging

Product Code	Size
280625	Roll: 6" x 300' (15 cm x 91,4 m)
Available by special order	Roll: 12" x 300' (30 cm x 91,4 m)
Available by special order	Roll: 40" x 324' (102 cm x 98,8 m)

STATEMENT OF RESPONSIBILITY

Before using, user shall determine the suitability of the product for its intended use and user alone assumes all risks and liability whatsoever in connection therewith. **ANY CLAIM SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING TO US WITHIN FIFTEEN (15) DAYS FROM DATE IT WAS, OR REASONABLY SHOULD HAVE BEEN, DISCOVERED.**

We proudly support the following industry organizations:



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