

100% SOLID FIBRO-POLYURETHANE GEL

DESCRIPTION

MAGIECHEM 287 is a very high quality Fibro-polyurethane gel made of 100% reactive materials modified with fibres. This elastic fibrous gel, is ideal for sealing joints and cracks on concrete slabs when engineers need to resolve problems due to structure movement.

MAGIECHEM 287 can be applied to vertical surfaces with a trowel for waterproofing walls and floors with a single product.

MAGIECHEM 287 can be applied to join 2 diferents concrete slabs, and allow movement without cracking.

ADVANTAGE

- Easy to apply
- Self-Levelling
- Dries quickly
- Solvent free and low odour
- Vertical version available
- Elastomer, waterproof and chemical resistant

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

The substrate must be solid, free of dust, oil, grease or other contaminants. Concrete must be prepared mechanically Use a Saw to cut concrete 2" from each side of the joints when it's applied to joints two differents concrete slabs. Clean all dust then pour the mix of MAGIECHEM 287 into the joints up to the top then pass a blue steel trowel to wet the edges, lay down the fibre mesh and roll on with a core roller to eliminate the void and air, then apply one more coat of MAGIECHEM 287 to cover the fibre mesh and let it drop into the cut.

APPLICATION

Mix 3 parts A to 1 part B by volume, then apply as recommended

- pour the mix of MAGIECHEM 287 in the joints up to the top then pass a blue steel trowel to wet the edges, lay down the fibre mesh and roll on with a core roller to eliminate the void and air, then apply one more coat of MAGIECHEM 287 to cover the fibre mesh and let it drop into the cut.

PRECAUTIONS

- Consult MSDS before use
- Do not apply if the temperature of the substrate is below 13 ° C / 55 ° F
- Wait at least 5 minutes before application by roller
- Ensure good ventilation.



MAGIECHEM



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QUALIFICATION AND QUANTIFICATION

Color: Grey

VOC: 0.5 g / l

Mix: 3 parts of A and 1 part of B by volume

Pot life: 20 minutes for a mass of 500g

Method of application: Blue Trowel steel

Recommended thickness: 1/2" X 1/4" ft² / U.S.gal

Method of application: Trowel and roll -on if applied to the wall.

Number of coat: NA

Yield: 300 pl X ¼ X ¼ per 3.78L (1gallon U.S.)

Recovery: 8-24 hours

Packaging: 3.78 I (1 GAL U.S.) AND 15.12 L (4 GAL)

Curing time: dry to touch 6 hours and full cure 7 days at room temperature (23C)

Cleaning solvent: MAGIECHEM 211

Shelf Life: 1 year in original unopened container

PHYSICAL PROPERTIES

ASTM

RESULT

TENSILE STRENGTH

ASTM D 638

> 8 MPa (> 582 psi)

% ELONGATION

ASTM D 638

> 100%

TEAR RESISTANT

ASTM D 624 DIE C

> 100N/mm

ADHESION TO CONCRETE

ASTM D 4541

> 3.5 MPa (508psi)

HARDNESS SHORE D

ASTM D 2240

> 50 ± 5

VOC (by calculation)

ASTM D 2396

= 0.5 g/litre

TECHNICAL SERVICES AND WARRANTY

For assistance, consult a representative of MAGIECHEM products. The information contained in this data sheet is based on trials that we believe valid. However when using the conditions depending on the application of our control. The seller and/ or the manufacturer disclaim any responsibility except to replace the product when proven defective..



MAGIECHEM

SURFACE/GALLON					
Thickness (mils)	1	4	8	10	20
Gallon/sq.ft	1600	400	200	160	80

