

GREEN CONCRETE EPOXY PRIMER

DESCRIPTION

MAGIECHEM 5087 is a 2K water-based epoxy cure and seal, developed specially for green concrete (less than 24h) for indoor use only.

MAGIECHEM 5087 suitable for concrete with broom finish. The product offers an excellent adhesion and a very good penetration in the concrete which permits an easy and fast recoating, in less than 7 days after the concrete is poured.

ADVANTAGE

- Acts as a sealing membrane.
- Easy application with a push broom, or airless sprayer.
- Excellent penetration
- Excellent adhesion
- Excellent recovery properties with all types of low odor finish, low VOC and high flash point finishing product
- Acts as a vapor barrier on old concrete where high moisture is present.

INSTALATION INSTRUCTIONS

The surface should be clean, dry and free of any greasy substance or contaminants. Remove mortar splashes.

New and clean surface:

Green concrete: Allow concrete to set for max 24h before priming. Abrade the smooth surfaces of concrete with a metal brush (broom finish). Remove any loose aggregate. Apply the primer.

Precast concrete: Clean the surface mechanically with a sandblast or by chemical acid etching.

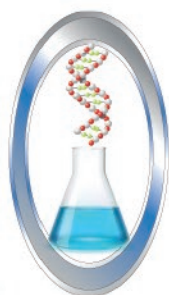
Old Concrete: Sandblast the concrete and apply 1 or 2 coats (diluted with 50% water), depending on the moisture in the concrete. Follow the instructions for the application and the safety rules.

APPLICATION

- **Mix:** This product is provided in a kit form composed of two containers. Always mix the containers separately with a jiffy mixer. While mixing the Part A, slowly add the Part B. Mix for two minutes. Add 1 part water to the mixture and blend all together. Then pour onto the surface and spread with a nylon broom . (push broom application).
- The pot life of the mix is 1 hour max.
- **Clean up:** Use soap and hot water to clean all tools.
- **Disposal method:** All material in excess and empty containers should be disposed appropriately in regards to the local regulations / regional legislation.

PRECAUTIONS

This product is suppose to be used by professional applicators only, in an industrial environment, according to the advice given on the MSDS sheet and on the containers. Before using this product, please read the MSDS. All the work involving the application and the use of this product should be in accordance with the national standards and regulations regarding health, safety, and environmental protection. In case of uncertainties and/or concerns, please feel free to contact us.



MAGIECHEM



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QUALIFICATION AND QUANTIFICATION

V.O.C. : 0 g / l

Color : No color

Gloss : No gloss.

% Solids by volume : 45 % +/-2%.

Recommended Film Thickness :

Wet: 5 - 6 mils

Dry: 2 - 3 mils

Theoretical coverage: 200 sq.ft /gallon US, to a 3 mils dry film thickness and as the percentage of solids per given volume.

Practical coverage : Consider the appropriate loss factors

Application method: Airless Spray, air gun , roller and brush.

Flash point: > 214 ° F (101 ° C).

Product Weight: 11.4 lbs / gal (1.37 kg / l)

PACKING / STOCKING

Format	Part A	Part A	Part B	Part B
	Quantity	Containers	Quantity	Containers
2 GAL US	0.9 GAL US	1 GAL US	1.1 GAL US	3.5 GAL US

The shelf life is minimum 12 month at 77°F (25°C) Reinspect the primer after this period of time. Keep the product in a dry environment, away from sunray and all sources of heat.

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 this product in conditions of application that are beyond our control, the seller and / or the manufacturer disclaim any responsibility except to replace the product proven defective.



MAGIECHEM

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

