

2K 100% SOLID PENETRATING EPOXY PRIMER

DESCRIPTION

MAGIECHEM 565 is a two components 100% solid modified oil based epoxy penetrating primer for contaminated concrete surfaces by oil based substances.

MAGIECHEM 565 has an excellent wetting and penetrating power on contaminated substrate to improve adhesion and appearance of all MAGIECHEM coating products by eliminating out gassing, craters, fish eyes and oil leeching from problematic oil-soild concrete slab.

MAGIECHEM 565 can be used on damp or dry concrete at high humidity or low humidity and even at low temperature.

AVANTAGES

- Easy mixing ratio 2A : 1B by volume
- Good balance of viscosity, high penetrating
- Excellent moisture résistance& low temperature
- Excellent adhesion (low surface tension)
- Zero VOCs, Meets LEED requirements
- Easy to install, no need of solvent tfor wetting substratates
- Damp and oil-contaminated concrete primer
- Eliminate fish eyes and craters on the second coats of epoxy

APPLICATION INSTRUCTION

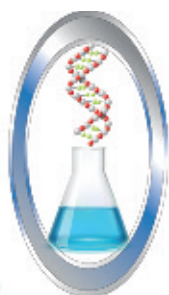
The surface must be free of all contaminants such as grease, oil, dust, dirt, glue, tire marks and other contaminants. **Concrete slab:** must be aged for 28 days minimum before application. all irregularities should be fixed and cleaned before granding the floor profil CSP 3 minimum. Consult MAGIECHEM Rep for more clarification.

APPLICATION

- **MAGIECHEM 565** should be mixed Part A & B separately then pour part B while mixing into Part A , keep mixing for 2 minute, pour the mix on the floor then push with fine notched squeegee to spread it equal then back rolled with a good quality 10 mm roller to uniform the thickness
- **MAGIECHEM 565** has to be applied at the rate of 200 sf per gallon, in some cases we need to apply 2 coats when concrete slab is more contaminated and diffecult to clean.

CAUTION

- Consult MSDS before use
- Can be applied down to 5 °C (40°F).
- Apply on humid concrete up to 5.5%, or yellow/red scale according Delmhorst



MAGIECHEM



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TECHNICAL INFORMATION

Color: clear (amber)

V.O.C.: =0 gr/liters (0.lbs /galUS)

Mixing ratio: 2 parts A and 1 part B by volume

Pot Life: 30 minutes for 0.5 kg (1.1lbs)

Diluent: no needed

Recommended Thickness: 8 mils sec

Coverage: 200ft²/gal US

Recoat: 6 to 16 hours with the same material,

24 to 48 Hours with other material depend to the temperature and % of te RH

Dry to touch: 4 hours at 23°C and 12 hours at 5°C

Complete cure: 7 days

Shelf Life: 1 year in original unopened container

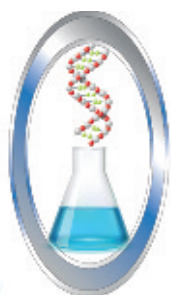
Packaging: 11.34L (3 Gal. US)

PHYSICAL PROPRIETIES

Percentage of Solids	ASTM D7232-06	100 %
% ELONGATION	ASTM D638-86	15%
ADHESION TO CONCRETE	ASTM D 4541	>2.5 MPa (360 psi)with concrete
HARDNESS SHORE D	ASTM D 2240	>74 ± 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					
Épaisseur (mils)	1	4	8	10	20
SF /Gallon	1600	400	200	160	80