

HIGH SOLID ALIPAHTIC POLYASPARTIC COATING

DESCRIPTION

MAGIECHEM 855 is a two component aliphatic polyaspartic floor coating, 80% solid. This product has been formulated to be applied by conventional method.

MAGIECHEM 855 can be used over existing epoxy floors, or as a standalone floor coating with very high UV resistant.

MAGIECHEM 855 can be used also where the temperature is low as 0°F alone or with aggregates, vinyl chips to provide a decorative floor finish.

MAGIECHEM 855 when fully cured, will produce a highly abrasion and wear resistance, high gloss, sooth finish and no yellowing

AVANTAGES

- Easy mixing ratio 1A : 1B by volume or weight
- Excellent humidity and temperature resistance
- Excellent abrasion resistance
- Excellent adhesion Meets LEED requirement
- Easy to install, no need of solvent
- Excellent UV resistance
- Very fast to cure even at low temperature.

APPLICATION INSTRUCTION

The surface must be free of all contaminants such as grease, oil, dust, dirt, glue, tire marks and other contaminants.

Concrete block: must be aged for 28 days minimum before application. all irregularities should be fixed and cleaned before the application of the primer, consult MAGIECHEM for more clarification.

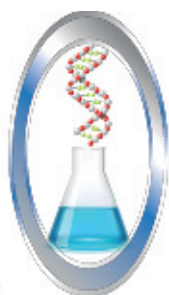
APPLICATION

Mix the material before use

- **MAGIECHEM 855** Apply one (1) coat at the rate of 10 to 30 mils W.F.T with notched squeegee plus back roll with 10 mm lint free roller to make it uniform
- No need to apply 2 coats of **MAGIECHEM 855** on primed concrete floor.

CAUTION

- Consult MSDS before use
- Can be applied down to 5 °C (41°F).
- Do not apply on humid concrete up to 3.5%, or yellow scale according Delmhorst
- No induction time needed before application.



MAGIECHEM



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TECHNICAL INFORMATION

Color: MAGIECHEM COLORS CHART

V.O.C.: ≤100 gr/liters

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

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

Inductuion time: No needed

Diluent: No needed

Recommended Thickness: 10 mils to 15 mils

Coverage: 150 to 100 ft²/gal US

Recoat: 2 to 4 hours with the same material,

Dry to touch: 1-2 hours

Complete cure: 7 days

Solvent Cleaner: MGC4040

Shelf Life: 1 year in original unopened container

Packaging: 7.56L and 37.8Liter (2 and 10 Gal. US)

Tensile Strength AST M D638: 13MPa (1885psi)

Elongation at break AST M D638 : 20 %

Adhesion AST M D4541: 3.5 MPa (500 psi) (substrate failure)

Abrasion Resistance ASTM D4060 : 32 mg loss

(Taber Abraser, CS-17 Wheel/1000 g (2.2 lb)/1000 cycles)

Hardness AST M D2240: 80 Shore A

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