

EXTENDED WORK TIME ALIPHATIC POLYASPARTIC COATING

DESCRIPTION

MAGIECHEM 955 is a two component aliphatic polyaspartic floor coating, 70% solid. This product has been formulated to be applied with the same application as the epoxy coating, by conventional method, squeegee plus back roller

MAGIECHEM 955 can be used over existing epoxy floors, or as a standalone floor coating with very high UV resistant.

MAGIECHEM 955 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 955 when fully cured, will produce a highly abrasion and wear resistance, high gloss, smooth finish and no yellowing

AVANTAGES

- Easy mixing ratio 2A : 1B by volume or weight
- Excellent humidity and temperature resistance
- Excellent abrasion resistance
- smooth finish when applied at 10 mils thick
- extended work time like epoxy resin
- Easy to install, no need of solvent
- Excellent UV resistant
- 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 955** Apply one (1) coat at the rate of 6 to 12 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 955** 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



HIGH SOLID ALIPAHTIC POLYASPARTIC COATING

TECHNICAL INFORMATION

Color: MAGIECHEM COLORS CHART

V.O.C.: ≤100 gr/liters

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

Life: 60 minutes for 0.5 kg (1.1lbs)

Inductuion time: No needed

Diluent: No needed

Recommended Thickness: 6 mils to 10 mils

Coverage: 150 to 300 ft²/gal US

Recoat: not recommanded

Dry to touch: 4-10hours

Complete cure: 7 days

Solvent Cleaner: MGC4040

Shelf Life: 1 year in original unopened container

Packaging: 11.34L and 57.6Liter (3 and 15 Gal. US)

Density AST M C 905:1.05 kg/L

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