

### ACCUSTIC INSULATION POLYURETHANNE MEMBRANE FSTC 60

#### DESCRIPTION

**MAGIECHEM 285** is a 100% solid, high quality polyurethane membrane, composed with recycled material and renewable Oil.

**MAGIECHEM 285** is ideal for absorbing shock and cutting sound by 50% when applied at 1/4" thickness in addition to its ability to waterproof concrete slabs.

**MAGIECHEM 285** can be used as under special coatings such as epoxy finishes in high rise apartment for waterproof and sound absorbing.

#### ADVANTAGES

- Easy mixing ratio 4A : 1B by volume
- Easy to apply, no need to the solvent
- Flexible and Excellent impact resistance
- Excellent elongation and flexibility
- Renewable Polyols material
- Zero VOC, No need of solvent during application
- 100% solids, without solvent, and odorless
- Excellent adhesion.
- Meets LEED requirement
- Sound proof FSTC 60

#### APPLICATION INSTRUCTION

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

**Concrete** : must be aged for 28 days minimum before application. all irregularities should be fixed and cleaned before the grinding or sandblasting to get CSP3 minimum than apply **MAGIECHEM 285**, consult **MAGIECHEM** for more clarification.

#### APPLICATION

Mix the material before use

- **Primer** : **Stretch coat of MAGIECHEM 5076** diluted with 5% dry Ethanol or Iso-propyl-alcohol for deep penetrating in concrete , and broadcast same 24 mesh silica sand for more grip and easy trowel of **MAGIECHEM 285**.
- **MAGIECHEM 285** Apply one coat at the rate of 250 to 300 mils W.F.T (1/4") with notch squeegee than back roll with spike roller to eliminate the bubbles from the surface.
- When dries, apply one coat of **MAGIECHEM 9802** at the rate of 20 mils with notch squeegee plus back roll with a high quality lint free roller Or 2 coats of **Magiechem 9461** at 25 mils total to get the nice colour you need.

#### CAUTION

- Consult MSDS before use
- Can be applied down to 13 °C (55.5°F).
- Apply on humid concrete up to 4.5%, or yellow/red scale according Delmhorst
- Wait a minimum 15 minutes before rolling with spike roller to eliminate all bubbles could ritch the surface.



**MAGIECHEM**



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#### TECHNICAL INFORMATION

Color:	dark colors ( recycl rubber from tires)
V.O.C.:	= 00 gr/liters (=0.00 lbs /galUS)
Mixing ratio:	4 parts A and 1 part B by volume
Pot Life:	20 minutes for 0.5 kg (1.1lbs)
Inductuion time:	No need
Diluent:	No need
Recommended Thickness:	200 - 300 mils sec
Coverage:	12-15 ft <sup>2</sup> /gal US
<b>Drying Time:</b>	
Recoat:	16 hours with the same material, 24 to 48 Hours with other material depend to the temperature and % of te RH
Touch:	6 hours
Complete cure:	7 days

Solvent Cleaner: Ketone, Xylene

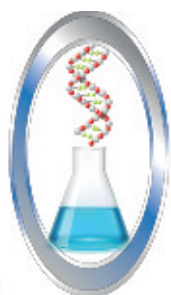
Shelf Life: 6 months in original unopened container

Packaging: 18,9L (5 Gal. US)

#### TECHNICAL SERVICES AND WARRANTY

For assistance, consult a representative of **MAGIECHEM Inc.**

The information contained in this data sheet is based on trials that we believe valid. However, when using the conditions of application are beyond our control, the seller and / or the manufacturer disclaim any responsibility except to replace the product proves defective.



**MAGIECHEM**

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

