

### HIGH SOLID POLYURETHANE CRACKS REPAIR

#### DESCRIPTION

**MAGIECHEM 209** is a fast dry two component aliphatic polyurethane modified with the epoxy

**MAGIECHEM 209** is designed to repair shipped concrete and to be sanded in less than 45 minutes.

**MAGIECHEM 209** can also be used also when the temperature is low as it is or with aggregates.

**MAGIECHEM 209** when fully cured, will produce a highly resilient joint and allow movement without cracking and no yellowing.

#### AVANTAGES

- Easy mixing ratio 1A : 1B by volume
- Fast dry, can be sanded after 30 min
- High chemical resistance
- Excellent adhesion Meets LEED requirement
- High resistance to abrasion
- High strength
- Colour stable
- Waterproof

#### APPLICATION

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 joints should be cut's and cleaned before the application.

Consult MAGIECHEM for more clarification.

#### INSTRUCTION

**Mix the material part A and B separately before use**

**MAGIECHEM 209** requires a dry substrate.

Concrete substrates should be clean from oil, grease, dust and other contaminants.

Vapor moisture reading must be less than 3.5 lbs/1000 square feet for 72 hours. If higher results, you need to evaporate the moisture with a flame, then wait 15 min to apply.

Mix 1 part A with 1 part B for 2 minutes then add 2 parts of dried silica sand and apply in the cracks, wait 45 min before sanding or cutting

If the opening (cracks) is more than 1/8" thick, add the same volume of the A&B mix of dried silica sand grade 40 mesh

#### PRECAUTION

- **Consult MSDS before use**
- Can be applied down to 13° C (55.5°F).
- Do not Apply on humid concrete thighter then 3.5%, or yellow/red scale according Delmhorst
- Wait a minimum 45 minutes BEFORE CUTTING .



**MAGIECHEM**



### UNIVERSAL ALIPHATIC POLYURETHANE TOP COAT

#### TECHNICAL INFORMATION

Color:	Grey Ral 7038
C.O.V.:	0 g/ L
Mixing Ratio:	1 parts of A and 1 part of B by volume
Application:	rush, roller, sponge roller or sprayer
Number of Coats:	1 or 2 coats max
Thickness:	NA
Cure:	
Dry to Touch	30 min
Full Cure	14 days at 23°C (73 ° F)
Recoating	2 to 6 hours
Cleaning Solvent:	MAGIECHEM 211
Diluent Solvent:	No need
Induction time:	No need
Pot Life:	4 minutes for 500 g , if exceed DO NOT use.
Shelf Life:	1 year in original unopened container at 13°C (55 ° F)
Packing:	7.56 liters and 37.8 liters (2 and 10 U.S. gallons)

#### 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

