

MAGIECHEM 142

FICHE DESCRIPTIVE

UNIVERSAL ALIPHATIC POLYURETHANE TOP COAT

DESCRIPTION

MAGIECHEM 142 is used as a decorative and protective finish to surfaces exposed to weather and corrosive environments.

MAGIECHEM 142 is a highly resistant solvent base aliphatic polyurethane coating, can also be glossy, and also clear or colored.

AVANTAGES

- Indoor and outdoor use
- Keeps the color and gloss longtime
- Resistant to corrosive environments
- Easy to clean and maintain
- Excellent abrasion resistance
- Comes in different gloss

APPLICATION

The surface must be dry and free from oil, grease, silicone, wax and any other contaminant

For the primer

Concrete: Clean and dry use **MAGIECHEM 5076**, **MAGIECHEM 9461**, **MAGIECHEM 163**

Wood/Gypsum: Clean and dry. Use primer **MAGIECHEM 5076** or another product on MAGIECHEM's approval

Meta 1: Sandblast is suggested, if not possible, use a wire brush. For the primer, use **MAGIECHEM 163**

INSTRUCTION

Mix parts A and B separately.

Pour the container B into the container of part A, or in the proportions of 2 parts A and 1 part B by volume.

Mix thoroughly for 3 minutes, and then apply.

Brush: Natural bristles, undiluted material.

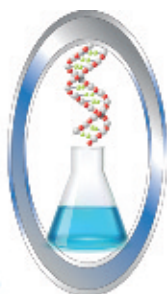
Roller: One of good quality with short bristles

Gun: Conventional or airless.

5% to 15% Solvent **MAGIECHEM 242**

PRECAUTION

- **Consult MSDS before use.**
- Can't be applied on fresh epoxy coating (less than 24 hours) or old epoxy coating more than 3 days. If not, roughen with a grinder and clean the surface with a 50/50 solution of METHYL ETHYL KETONE AND BUTYL ACETATE 50/50% of MEK & BAC and water.



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TECHNICAL INFORMATION

| | |
|---------------------|--|
| Color: | Standards Color of Magiechem |
| C.O.V.: | |
| Clear | 238 g / I (0.14 U.S. lbs/1 Gal.) |
| Colored | 228 g / I (U.S. 0.131bs/Gal.) |
| Mixing Ratio: | 2 parts of A and 1 part of B by volume |
| Application: | Gun, roller or brush |
| Number of Coats: | 2 coats Recommended |
| Thickness: | |
| Clear | Dry 40-70 microns (2.5-3.5 dry mils) |
| Colorful | Dry 40-70 microns (2.5 - 3.5 mils dry) |
| Recommended primer: | |
| On metal | MAGIECHEM 163 |
| On Wood / Gypsum | MAGIECHEM 163 or 542 |
| On concrete | All 100% solid MAGIECHEM epoxy system |
| Recoating: | 6 to 24 hours |
| Cure: | |
| Dry to Touch | 24 hours |
| Full Cure | 14 to 28 days hours at 23°C (70 ° F) |
| Cleaning Solvent: | MAGIECHEM 211 |
| Diluent Solvent: | MAGIECHEM 242, diluted 5-15% max. |
| Pot Life: | 1 hour, if exceed DO NOT use. |
| Shelf Life: | 1 year in original unopened container |
| Packing: | 11.34 and 56. 7 liters 3 and 15 gallons us |
| Recoating: | 6 to 24 hours |
| % Solid: | |
| Clear | 70% |
| Colored | 72% |

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 |