

### 98% SOLID ALIPAHTIC POLYASPARTIC COATING

#### DESCRIPTION

**MAGIECHEM 835** is a two component aliphatic polyaspartic floor coating, 98% solid. This product has been formulated to be applied by conventional method.

**MAGIECHEM 835** can be used over existing epoxy floors, or as a standalone floor coating with very high UV resistant.

**MAGIECHEM 835** 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 835** when fully cured, will produce a highly abrasion and wear resistance, high gloss, sooth finish and no yellowing

#### ADVANTAGES & IDEAL APPLICATIONS

- Fast cure
- High strength
- Color stable
- High chemical resistant
- Seamless and waterproof
- High resistance to abrasion
- Meets the LEED requirements
- Ideal for Cold storage
- Ideal for food processing
- Patios
- garage floor
- Show Rooms...

#### APPLCATION INSTRUCTIONS

##### SURFACE PREPARATION

**MAGIECHEM 835** requires a dry substrate. Concrete substrates should be clean, dry and free of oil, grease, wax and other contaminants and very low moisture vapor transmission. A pH reading of concrete must be between 5 and 9 using a paper pH. Vapor moisture reading must be less than 3.5 lbs/1000 square feet for the 72 hours. Higher results should receive a moisture mitigation system.

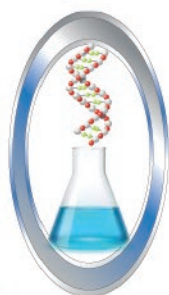
**Over Epoxy:** **MAGIECHEM 835** may be applied over existing, or new epoxy coatings. Read epoxy manufacturers technical data sheet on recoat windows for proper adhesion to new epoxy coatings. Typically, any epoxy coating that has been applied, and let dry over 18 ours should be sanded with a floor machine, using 80 grit sanding screens. Epoxy coating should have sheen removed, and 100% of surface scuffed and profiled. A mechanical bond to a sanded profile is required, but also the pores of the existing coating should be opened for **MAGIECHEM 835** to have the best adhesion. Wiping properly prepared surface with denatured alcohol will ensure no loose dust particals from the sanding process are present. **MAGIECHEM 835** should NOT be applied over polyurethane or acrylic coatings.

##### Coverage Rates:

| Theoretical Square Feet Per Gallon |     |     |     |    |    |
|------------------------------------|-----|-----|-----|----|----|
| Mils                               | 5   | 10  | 15  | 20 | 30 |
|                                    | 320 | 160 | 120 | 80 | 60 |

Note: 1604 mil inches per gallon. Totally depend on substrate texture and condition.

Using **MAGIECHEM 835** as a roll on application will typically yield square footage spread rates of 150-250 square feet per gallon.



**MAGIECHEM**



