



## **KELMAR® RC**

### **Resurfacing Compound**

#### **Description**

KELMAR® RC is a high solids epoxy frequently used as a resurfacing compound. KELMAR® RC does not require a primer in most situations and has very low odour, making it suitable for both indoor and outdoor use.

#### **Typical Uses**

- Suitable for use in parking structures
- As a resurfacing compound
- For rehabilitation of scaling, spalled and deteriorated concrete
- Heavy traffic areas such as driveways, walkways, etc.
- Structural repair of concrete structures

#### **Features**

- Durable
- Flexible
- High compressive and tensile strength

#### **Limitations**

- Concrete substrate must be clean, sound, dry and free from all contaminants detrimental to bond
- Surface and air temperatures MUST be at least 10°C (50°F) during installation and initial cure
- NOT a waterproofing membrane
- Concrete floors should have laitance removed via shot blast, mechanical sanding or etching
- New concrete surfaces should be cured a minimum of 28 days before coating, or delamination may occur
- Store material in a dry area 10°C to 27°C (50°F – 80°F)

#### **Application**

- Applied with trowel or notched trowel
- Mix ratio: 2 Part Resin:1 Part Hardener
- If adding sand, recommended mix ratio is: 2 parts Resin:1 Part Hardener:4 Parts Sand

#### **Theoretical Coverage**

- Dependant on the surface being rehabilitated.

#### **Physical Properties**

- **Pot Life:** 17 Minutes @ 24°C (75°F)
- **Cure Time:** 4-5 hours @ 24°C (75°F)
- **Solids:** 99.8%
- **VOC Content:** <5 g/L less water
- **Adhesion to prepared concrete** (ASTM D4541) - 5.5 MPa (800 psi)

#### **Safety Precautions**

Please refer to product Safety Data Sheet

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