



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

- 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
- A-1 Fire Rating (ASTM E84)
- 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- 1 Part Resin: 1 Part Hardener

Theoretical Coverage

- 89 sq. ft. per gallon at 18 wet mils
- 50 sq. ft. per gallon at 32 wet mils

Physical Properties

- **Pot Life:** 20 Minutes @ 22°C (72°F)
- **Solids:** 91%
- **VOC Content:** 98 g/L less water
- **Tensile Strength** (ASTM D412) - 2000psi
- **Tensile Elongation** – no aggregate (ASTM D412) - 70%
- **Adhesion to prepared concrete** (ASTM D4541) - 17pli

Safety Precautions

Please refer to product Safety Data Sheet

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