



# KELMAR<sup>®</sup> MONOBOND

## Epoxy Primer/Bonding Agent

### Description

KELMAR<sup>®</sup> MONOBOND is a two-component epoxy primer/bonding agent. KELMAR<sup>®</sup> MONOBOND is recommended for adhering concrete underlays, concrete toppings and certain other types of flooring.

### Typical Uses

- Bonding concrete on or below grade
- Interior and exterior applications
- Inter-coat primer to ensure adhesion of KELMAR<sup>®</sup> waterproofing systems
- As bonding agent on concrete to receive certain composition flooring
- To ensure adhesion of thin-bed terrazzo and cement toppings

### Features

- Long open time
- Maintains strength when subjected to temperature variations
- Bonds concrete to concrete

### Limitations

- Keep away from open flame and high temperatures
- Use ONLY in well ventilated areas
- Surface and air temperatures MUST be at least 10°C (50°F) during installation and cure time

### Application

- Concrete substrate must have the laitance removed by a shot blast method or diamond grinding
- When used as a bonding agent, the substrate surface must be clean, sound, dry and free from all contaminants detrimental to bond
- Do not allow to puddle
- Store material in a dry area 10°C to 27°C (50°F – 80°F)

### Theoretical Coverage

- 400 sq. ft. per gal at 4 wet mils
- Mix Ratio – 1 Part Resin : 1 Part Hardener

### Physical Properties

- Solids: 65%
- VOC: 0% (Exempt)
- Tensile Elongation (ASTM C638): 3%
- Shear Bond Strength (ASTM D1344): 950psi (6.55 Mpa)
- Flexural Strength, 7 Days (ASTM C293): 600psi (4.14 Mpa)

### Safety Precautions

Please refer to product Safety Data Sheet