



# **KELMAR® MONOBOND**

## **Epoxy Primer/Bonding Agent**

### **Description**

KELMAR® MONOBOND is a two-component epoxy primer/bonding agent. KELMAR® MONOBOND is recommended for adhering concrete underlayments, 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® 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

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Revision Date: Aug 26, 2016