



TBS COMPONENT DATA SHEET

TECHNICAL BARRIER SYSTEMS INC.



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MONOBOND

Epoxy Adhesive/Primer

Description

MONOBOND is a two-component, epoxy-bonding agent. It is recommended for adhering concrete underlayments, concrete toppings and certain composition floors.

sound, dry and free from all contaminants detrimental to bond.

- Concrete substrate must have the laitance removed preferably by shot blasting
- 1 part Resin: 1 part Hardener

Typical Uses

- For bonding Concrete on or below grade
- In damp or wet areas
- Exterior applications
- Edge bonding new sections of concrete
- Inter-coat primer to ensure adhesion of KELMAR® waterproofing systems
- As bonding agent on concrete to receive certain composition flooring
- To ensure the adhesion of thin-bed terrazzo and cement toppings

Theoretical Coverage

- 300 - 400 sq. ft per gal
- Part 1 Resin: Part 1 Hardener

Storage

- Store material in a dry area 50°F to 80°F (10°C to 27°C)

Features

- Can be used over damp concrete
- Long open time
- Maintains strength when subjected to temperature variations

Physical Properties

Percent Solids	65%
Tensile Strengths ASTM D 638	Exceeds tensile strength of concrete
Tensile Elongation ASTM C 638	3%
Shear Bond Strength ASTM D 1344	950 psi (6.55 Mpa)
Flexural Strength, 7 Days ASTM C 293	600 psi (4.14 Mpa)

Limitations

- Keep from open flame, high temperatures
- Use only in well ventilated areas
- Do not apply too thick
- Surface and air temperature must be at least 50°F (10°C) during installation and initial cure
- When used as a bonding agent, the concrete substrate must be clean,

Safety Precautions

Please refer to product MSDS Sheet.