

# MOUNTAIN GROUT

## POLYURETHANE SYSTEM

### DESCRIPTION

Mountain Grout is a low viscosity hydrophobic polyurethane formulation. The system is comprised of a base resin along with an accelerator "B" component. Flexible is typically used to repair cracks or failed joints in concrete structures. The "B" Accelerator is used by the experienced installer to manipulate the reaction profile as warranted by job site conditions. Being a hydrophobic formulation, when reacted with minimal amounts of water, the resulting foam will maintain its physical form and not be subject to shrinkage due to wet/dry cycles. Flexible produces a closed cell polyurethane grout

### Typical Application

- Water Related facilities
  - Concrete Dams
- Waste Treatment Plants
- Tunnels
- Storm Water Systems
- Earthen Dams
- Underground Vaults
- Elevator Pits
- Manhole Facilities
- parking Garages

### ADVANTAGES

- 100 % solids
- Outstanding adhesion
- Expands up to 30 times initial volume
- Non-hazardous shipping
- Pumps as a single component
- Non-flammable
- Controllable reaction times
- Cures inert, non-toxic permanent seal
- Excellent resistance and durability

### TYPICAL PROPERTIES

#### Part A

Viscosity : 500 cps

Specific gravity : 1.15.

Colour : Amber

Flash Point : > 250° F

#### Part B

Viscosity : 25 cps

Specific gravity : 0.95

Colour : Clear

Flash Point : 225 ° F

#### Shelf life:

Minimum 24 months in sealed original containers under recommended storage conditions.

### DIRECTONS FOR USE

The reaction profile is adjusted prior to pumping by the addition of Accelerator "B" into the base resin and is affected by temperature and the amount of moisture encountered. At 1.25 % (1/2 pint per five gallons) the expansion will start in about 50 seconds and be complete in about 4 minutes after encountering water. At 2.5 % (1 pint per five gallons) the expansion will start at 15 seconds and be complete at about 65 seconds. These reaction times were determined at 77° F with the addition of 2 ½ % water.

### PACKAGING

MOUNTAIN GROUT is supplied in 5 USG

### STORAGE

Store in sealed conventional containers protected from extreme weather conditions.

Stir well before use, if stored for a long time

### FIRST AID

#### Skin contact

Wash thoroughly with soap and water.

#### Eye contact

Flush immediately with clean water and seek medical advice.

#### Respiratory problems

Remove affected person to fresh air immediately and contact physician.

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### TECHNICAL SERVICE:

Our Technical Service Department is available at any time to advise you in the correct use of this product or any other Ahlia products.

**Note :** The information presented herein is based on the best of our knowledge and expertise for which every effort is made to ensure its reliability. Although all the products are subjected to rigid quality tests and are guaranteed against defective materials and manufacture, no specific guarantee can be extended because results depend not only on quality but also on other factors beyond our control.

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