

# U RESIN Mountain Grout Ultra



U RESIN Mountain Grout Ultra is a moderate viscosity hydrophobic polyurethane formulation with high elongation properties for sealing leaking cracks or joints where some movement is possible. The system is comprised of a base resin along with an accelerator "B" component.

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. When injected into wet cracks, Ultra produces a closed cell foam.

## PROFILE:

	MIXED
Colour	PALE YELLOW
Viscosity	650 cps
Specific Gravity	1.07
Flash Point	>121°C
Density	224kg/m <sup>3</sup>
Elongation	300%
Tensile Strength	300 psi

## USE OF MG ACCELERATOR "B" COMPONENT

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 5 minutes after encountering water. At 2.5 % (1 pint per five gallons) the expansion will start at 30 seconds and be complete at about 3 minutes. These reaction times were determined at 25oC.

## TYPICAL APPLICATIONS

Water Related Facilities, Waste Treatment Plants, Storm Water Systems, Underground Vaults, Manhole Facilities, Concrete Dams, Tunnels, Earthen Dams, Elevator Pits & Parking Garages.

## FEATURES

- 100% Solids
- No VOC's
- Expands up to 25x Initial Volume
- Controllable Reaction Times
- Excellent Resistance and Durability
- Outstanding Adhesion
- Non-Hazardous Shipping
- Non-Flammable
- Cures Inert
- Non-Toxic Permanent Seal

The information contained herein is true and accurate, based on laboratory conditions. It is recommended that the user contact the manufacturer to confirm suitability as field conditions may vary and yield different results. Testing of this product is strongly recommended to confirm suitability for specific applications. Data should not be used for specification purposes.