

# Technical Data Sheet

Mountain Grout

**MG295**

Mountain Grout 295 is a low viscosity hydrophobic polyurethane formulation with good elongation properties for sealing leaking cracks or joints. The system is comprised of a base resin that can be injected as supplied or the reaction can be accelerated with Mountain Grout "B" Accelerator. MG295 is available in drums, pails and cartridges. Being a hydrophobic formulation, when reacted with minimal amounts of water, the resulting foam will maintain it's physical form and not be subject to shrinkage due to wet/ dry cycles. When injected into wet cracks, MG295 produces a closed cell foam.

Physical Properties Liquid			
	295	"B" Accelerator	Test Method
Viscosity	300 cps	25cps	ASTM D-1638
Specific Gravity	1.10	0.95	ASTM D-1475
Color	light amber	Clear	
Flash point	>121°C	107°C	ASTM D-92
----- Solid-Cured -----			
Density	80kg/m <sup>3</sup>		ASTM D-1622
Elongation	140%		ASTM D-638
Tensile	25 psi		ASTM D-638
Toxicity	non-toxic		

**Available in 300 ml single cartridges**

## Typical Applications

- Water related Facilities
- Waste Treatment Plants
- Storm Water Systems
- Underground Vaults
- Manhole Facilities
- Concrete Dams  
Tunnels
- Earthen Dams
- Elevator Pits
- Parking Garages

## Advantages

- 100 % solids
- No VOC's
- Expands up to 25 times initial volume
- Pumps as a single component
- Controllable reaction times
- Excellent resistance and durability •
- Outstanding adhesion
- Non-hazardous shipping
- Non-flammable
- Cures inert, non-toxic permanent seal

## Use of MG Accelerator "B" Component

Upon encountering water, the expansion times as supplied are 60 seconds for the start of expansion and about 7 minutes for full expansion. The reaction times can be adjusted prior to pumping with the addition of Accelerator "B" component into the base resin. With the addition of 2.5 % Accelerator "B" (1 pint per five gallons) the initiation time is about 25 seconds and completion is about 3 minutes. These reaction times were determined at 25°C with the addition of 2.5 % water.



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