

Technical Data Sheet

Mountain Grout

VF

Mountain Grout VF is a two-component polyurethane system that contains no volatile, ozone depleting or hazardous blowing agents. The system can be processed through low or high pressure dispensing equipment. When properly mixed at a ratio of one to one, the system will expand to approximately 20 times its initial volume to create a rigid, closed cell foam with high physical properties, resistance to water and chemical attack and long term durability. The system is used to fill cavities, provide structural support or stop water flows.

Physical Properties Liquid			
	ISP "A"	ISP "B"	Test Method
Viscosity	250 cps	1500 cps	ASTM D-1638
Specific Gravity	1.23	1.1	ASTM D-1475
Color	dark amber	light amber	
Flash point	>121°C	>121°C	ASTM D-92
----- Solid-Cured -----			
Density	48kg/m ³		ASTM D-1622
Compressive Strength	35 PSI		ASTM D-1621
Tensile Strength	50 PSI		ASTM D - 638
Shear Strength	25 PSI		ASTM D-732
Water Absorption	<2 % (by volume)		ASTM D-2842

Typical Applications

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

Advantages

- 100 % solids
- No VOC's
- Expands up to 20 times initial volume
- Excellent resistance and durability
- Outstanding adhesion
- Non-hazardous shipping
- Non-flammable
- Cures inert, non-toxic, permanent

Typical Reaction Profile

At 25°C the expansion time is about 2 minutes when mixed at a ratio of one to one by volume.

At 10°C the expansion time will be approximately 4 minutes.

Available in P.L.U.G.S. 600 ml twin cartridges



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