

Technical Data Sheet

Mountain Grout Gel Foam

Mountain Grout Gel Foam is a low viscosity hydrophilic polyurethane formulation with high elongation properties for sealing leaking cracks or joints in concrete structures with continuous moisture exposure. The single-component system reacts with water to form a foam or gel based on the amount of water encountered. This hydrophilic formulation contains no TDI or solvents. The product may be pumped as a single component or as a dual component system with water.

Physical Properties Liquid		
	Gel Foam	Test Method
Viscosity	650 cps	ASTM D-1638
Specific Gravity	1.07	ASTM D-1475
Color	pale yellow	
Flash point	>121°C	ASTM D-92
----- Solid-Cured -----		
Density	80kg/m ³	ASTM D-1622
Elongation	400%	ASTM D-638
Tensile	170 psi	ASTM D-638
Toxicity	non-toxic	

Typical Applications

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

Advantages

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

Reaction Profile

When mixed at a one to one ratio with water at 25°C the typical initiation time is 30 seconds and full rise is about 6 minutes.



Green Mountain International, LLC

235 Pigeon Street Waynesville, NC 28786 828-456-9970 (Ph) 828-456-9699 (F)

www.mountaingrout.com info@mountaingrout.com



Era Polymers Pty Ltd

"Excellence in Polyurethane Chemistry"

25-27 Green St. Banksmeadow. NSW 2019. AUSTRALIA | T: +61 (0) 2 9666 3788 | F: +61 (0) 2 9666 4805 | www.erapol.com.au