

U RESIN Mountain Grout

Hydrophobic Polyurethane System



U RESIN Mountain Grout Classic is a multi-purpose injection resin designed to seal leaking cracks, voids or fractures in concrete structures. The single component system utilises an accelerator to “adjust” the reaction profile as needed for job site conditions.

The system is normally accelerated to achieve a 15-second cream time by mixing 500 grams of Mountain Grout Accelerator to 20 kg of Classic.

Faster reaction times may be achieved by use of additional Accelerator. Classic is a hybrid blend of MDI and TDI prepolymers. Mix thoroughly before use. Read MSDS before use.

PROFILE:

	LIQUID	CURED
Colour	Amber	
Viscosity (cps) @ 25°C	500	
Specific Gravity	1.058	
Physical State	Liquid	
Density (kg/m ³)		64
Elongation (%)		44
Tensile Strength (kPa)		200
Shear Strength (kPa)		117
Water Absorption (% by Vol)		<1

TYPICAL REACTION PROFILE - Mixed with Water

Accelerator Percentage	0%	1.25%	2.5%
Cream Time (seconds)	40	25	15
Expansion Time (mins:seconds)	5:30	2:45	1:15

SHIPPING AND HANDLING

USDOT Shipping Data	Unregulated, Class 55
Packaging	20kg Pails, 200kg Drums
Storage	Store in airtight containers. Product should not be exposed to the atmosphere until application. Product is moisture sensitive. Avoid contact with moisture.
Shelf Life	1 year minimum in unopened containers.

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.