

# INJECTION GROUTING

## Description

Injection Grouting is a PU based grouting mechanism which reacts upon contact with water to form a closed cell foam. specially used for filling the defective concrete structures, concrete joints, piping, sewages, dams, tunnels etc. This product does not shrink and swell. It fills cavities and voids and does not get affected by water or dryness once cured.

**Properties :** Foam expands in volume and fills even minute cavities, No Shrinkage / Inert, Good Adhesion properties

PARAMETER	TEST METHOD	VALUES
Form		Liquid
Color		Dark Brown
Solubility		Hydrophobic
Density (g/ml)		1.1
viscosity (KS F 4923)		100-200 mPa's
Max Expansion (25°C)	[Ratio 10:1 Resin : Water]	2,700%
Induction Time (25°C)	[Ratio 2:1 Resin : Water]	15 sec
Gel Time (25°C)	[Ratio 2:1 Resin: Water]	110 sec
Tensile Shear Strength	(23°C), (KS M 3705)	4 N/mm2
Appearance		Light Yellow Polyurethane Foam
Corrosiveness		Non-Corrosive
Chemical Resistance		Resistant to more organic Solvent, Mild Acids, Alkali
Shelf Life		1 year when unopened and undamaged
Storage Condition		Store in a dry cool place
Packaging		5 Kg/ 10 Kg/20Kg/pail

**Applications:** Defective concrete, Concrete Joints, Brick Work, Waste Water Tanks, Tunnels, Dams, Pipe Intrusions

**Packaging :** 5 Kg/10kg/20 Kg Pails

**Storage :** Store in a cool and dry place.

**Shelf Life :** 1 Year from the date of manufacturing.

