

MORSUN LOW VISCOUS EPOXY INJECTION RESIN GROUT

PRODUCT CODE
MCS-RE-802
PRODUCT DESCRIPTION

A Two Pack clear low viscosity Epoxy Injection Resin Grout

SUGGESTED USES

Recommended for injecting into cracks, cavities & honeycombs in concrete structures. It can be used for grouting base plates with very narrow gaps (<10 mm)

TECHNICAL DATA

ADVANTAGES	● Low Viscosity – Can be injected into fine cavities and narrow gaps. ● Excellent Adhesion - Good Bonding Non shrink – Complete filling of voids and cracks ● Chemical Resistance – Good Typical Properties of Hardened Grout at 30°C
Colour	Amber
Flash Point	> 25°C
Specific Gravity	1.1 ± 3%
Viscosity	150 – 300 cps @ 30°C Typical Properties of Hardened Grout @ 30°C Compressive Strength (N/mm ²): 1D 3D 7D BS6319 Part 2 45 60 70 Tensile Strength (N/mm ²) : BS6319 Part 7 (7 days) 18 Flexural Strength (N/mm ²) : BS6319 Part 4 (7 days) 55
Pot Life	60 minutes @ 20°C 30 minutes @ 20°C
Chemical Resistance	Resistant to oil, grease, fats, most chemicals, mild acids and alkalis, fresh and sea water
Surface Preparation	The area to be injected shall be cleaned to remove all loose material, laitance, grease and other deposits
Drilling Injection Holes	Injection holes of 8 – 10mm Dia shall be drilled at fixed intervals along the crack length or in a grid pattern incase of grouting of voids. The holes shall be cleaned to remove all dust and loose particles by blowing compressed air
Fixing Nipples	Suitable injection nipples of GI/PVC shall be fixed in these holes using an epoxy sealing putty. The cracks shall also be sealed with this product
Injection of Resin	The two components of the injection grout shall be individually stirred and then mixed and injected into nipples by suitable injection pump exerting a uniform pressure. Injection shall be carried out till it flows from the adjacent nipple and then stopped. The same operation shall be carried out for the next nipple. After all the holes are completed, the nipples are removed next day and the holes shall be sealed with a high strength mortar
Cleaning	All tools and equipment should be cleaned immediately after use with Epoxy Thinner
Shelf Life	12 months in sealed container stored at room temperature
Packing	20 litres, 4 litres
Precautions	Avoid inhalation. Take necessary precautions to avoid contact with skin or eyes. Ventilate the area

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