

FRAMEFIX GROUT

Product Codes

DH07 Packaging listed overleaf.

Description

Framefix Grout is a polyester resin based material used for grouting beneath all types of frames in vehicular road surfaces during bedding and levelling operations. The product is supplied as a two pack system ready for on site mixing consisting of two tins of base resin and two bags of catalysed filler. The mixed grout will harden to give rapid strength gain reaching 60N/mm² in 1 hour allowing road opening to vehicular traffic within ¾ to 1 hour. The placed frames will resist compressive and high impact loads. The chemical mechanism will continue at temperatures down to 0°C with only a small increase in hardening time. The hardened grout is resistant to chemical attack from petroleum products and road salt.

- Uses include:**
- Re-bedding of raised manholes.
 - Support of road furniture.
 - Bedding of frames in new roads.
 - Most rapid opening of newly placed frames and road furniture.

Typical Grout Properties @ 20°C

Working Time @ 20°C

Framefix Grout Working Time: 8 - 12 minutes
(above 20°C setting will be faster)

Compressive strength

Grout Mix By Volume
Resin 1 part, Catalysed Filler 3.75 parts

1 Hour	2 Hours	1 Day
60N/mm ²	70N/mm ²	85N/mm ²

- Density** 2000 kg/m³
Flexural Strength 20N/mm²
Tensile Strength 10N/mm²
Compressive Modulus 15kN/mm²

Specification Outline

Grouting operations during bedding of frames shall be carried out using Framefix Grout as manufactured by Tecroc Products Ltd. The product must be stored, handled and placed strictly in accordance with the manufacturer's instructions.

Quality Assurance

Tecroc Products Ltd is a firm of Assessed Capability. The Company's quality system conforms to BS EN ISO 9002:1994 and is assessed by SGS Yarsley International Certification Services Ltd.

Standards

Framefix Grout has been tested in accordance with appropriate parts of the following standard: BS 6319

Instructions For Use

Preparation

Laitance and all loose material including dust, oil and grease should be removed in order to produce a sound substrate. Any loose brickwork should be re-bedded using a slightly resin rich Framefix Mortar mix.

Mixing

To achieve the most consistent grout mix, mechanical mixing is recommended. Hand mixing is suitable for small mixes but care should be taken to ensure that the mix is fully wetted out with resin. Mixing may be carried out in the plastic package pail or a similar suitable mixing vessel. Suitable mixers include a slow speed high torque drill and Grout Stirrer. For full pack mixing of Framefix Grout pour all of the resin contained in the two tins within the pack into the mixing pail. Slowly add the catalysed filler while continually mixing. Continue mixing after all the catalysed filler has been added until the mix is powder free and uniform.

The chemical reaction of setting is rapid. The mixed grout should be placed immediately after mixing. The working time may be extended in cold ambient conditions and may be shortened in hot ambient conditions.

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