BrickFix® Helical Grout

Product Description

BrickFix® Helical Grout is a high-performance cementitious anchoring grout designed for crack stitching applications in brickwork and masonry. It is used for installing Brickfix® Helical Bar as a crack stitching solution. This pack contains all you need to make this thixotropic grout, which can be applied by hand or a mortar pointing gun.

Accreditation
EN 998-2: 2010

Benefits

- No measuring required
- Suitable for injecting by hand or a pointing gun
- Thixotropic Grout

Properties

Appearance	Grey Powder
Size(s) & Packaging	5 kg powder + 1 litre liquid additive
Coverage	1 unit per 10 pack of 1 m long BrickFix® Helical Bars
Working Life	30 minutes at 20 °C (once mixed, cover from direct sunlight)
Reaction to Fire	Euro Class A1
Adhesive Bond	≥ 0.15 MPa (EN-998-2)
Durability	Suitable for constructions subject to severe exposure
Water absorption	0.135 kg/(m².min$^{0.5}$) (EN 1015-8)
Thermal conductivity	P=50%1.11 [W/(m.K)] (EN 998-2) P=90%1.21 [W/(m.K)]
Water vapour permeability	15/35 µ
Density	2050 kg/m³ (EN 1015-10)
Compressive Strength	Class M50 (EN 1015-11)
Storage	Store in dry conditions between 5 ˚C and 35 ˚C.
Shelf Life	12 months



Application Information

Preparation

Substrates to receive **BrickFix® Helical Grout** must be sound, clean and free from oil, dust, debris and organic growth. In hot conditions/porous substrates, ensure that the substrate is well wetted. For equipment cleaning purposes, keep a bucket of clean water to one side. Ambient conditions should be +5 ˚C to 35 ˚C.

Mixing

Use the bucket provided to mix the grout. Empty the liquid component into the bucket, followed by the powder component (empty the contents slowly). Use a low-speed drill with a mixing paddle to blend the mixture for 2 full minutes, ensuring that all the powder is completely blended.

Application

The mixed grout should be used immediately, in hot weather the working time of the product will be shortened. Initial set will occur within the first few hours, full cure will take 28 days. Each fill of the pointing gun should be used within 5 minutes to avoid thickening. Please refer to the BrickFix® Masonry Crack Stitching Kit datasheet for full application instructions.

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Other Information

For health and safety information, see the Safety Datasheet (available upon request).

BrickFix® Helical Grout is produced in accordance with ISO 9001 and ISO 14001 quality and environmental management systems.

Health and Safety

BrickFix® Helical Grout is alkaline when mixed and should not come into contact with skin or eyes. Avoid inhalation of dust during mixing and wear safety glasses, a dust mask, and gloves. If skin contact occurs, wash thoroughly with clean water. Should eye contact occur, rinse immediately with plenty of clean water and seek medical advice. Full health and safety data are given in the Product Safety Data Sheet.

Information given is in good faith based on experience and usage, however all recommendations are made without warranty or guarantee, since the conditions of use are beyond our control. All goods are sold in accordance with our Conditions of Sale, copies of which are available on request. Customers are advised that products, techniques and codes of practice are under constant review and changes occur without notice; please ensure you have the latest updated information.

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