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250g Pre-Coloured Crack Injection Mortar, Syringe, Extension Tube x 2, Gloves

Description

Total Wall Care Crack Injection Mortar is easy to use and has been specially developed for filling cracks of between 3mm and 10mm in brick and stone. It is vapour permeable and contains no latex or acrylic bonding agents. It protects the substrate by allowing salts, water vapour, and liquid water to reach the surface, preventing failure due to salt expansion or freeze/thaw cycles. It has been engineered to provide a permanent repair that is compatible with the original substrate.

Mortar Preparation

1. Remove all contents from tub
2. Empty required amount of powdered crack injection mortar into tub and thoroughly mix dry mortar before adding water.
3. Using tub, thoroughly mix 2 to 4 parts dry mortar with 1 part water for a minimum of 3 minutes. Mix by hand or with a slow speed drill with a mixing paddle until smooth. Mix to a consistency that will pass through nozzle with relative ease.
4. Pour mixed mortar into syringe and replace lid on tub.

Repair Method

5. Widen 1 - 2mm to 3mm using a bladed tool.
6. Ensure surface to be repaired is free from dust, dirt and loose particles.
7. Substrate should be pre-moistened and damp but not too wet. Weather factors such as direct sunlight should be taken into account.
8. For deep cracks attach extension tube to syringe.
9. Starting from the bottom of the crack inject the mortar leaving 3- 5mm proud of the surface.
10. Deep repairs should be built up in layers no more than 20mm deep and allowed to cure.
11. Final layer should be 3mm to 5mm proud of the surrounding surface and allowed to cure. 3mm is sufficient for flat brick.
12. The repair can then be shaped and modelled with appropriate tools for up to two days after application.
13. Thoroughly clean tub and syringe for future use.

Notes

Product should not be applied in temperatures below 5°C.

In hot temperatures or direct sunlight the repair area should be damped down with a water filled hand sprayer every 1 to 2 hours and allowed to cure.

Tools used can be cleaned with clear water. Any splatters in undesired places should be removed with clear water.

TECHNICAL CHARACTERISTICS

Specific Gravity (Kg/dm ³)	1.90
Compression Strength (N/mm ² :	64.5 - 70.0
Water Mixing Factor (ml/kg)	350 - 400
Volume mixed mortar (ml/Kg)	700
Consumption (Kg/dm ³)	1.5

Coverage is dependent on the porosity of the substrate being repaired.

On average a 250g tub of Total Wall Care Injection Mortar will fill a 1m long x 5mm wide x 35mm deep crack.

Storage - Can be stored for a maximum period of 6 months, provided the material is stored in sealed packing, in a dry, cool and frost proof place.

SAFETY INFORMATION

- **Keep Out of Reach of Children**
- Irritating to eyes and skin
- Avoid contact with eyes and skin
- Risk of serious damage to eyes
- In case of contact with eyes and skin rinse immediately with plenty of water and seek medical advice
- If swallowed seek medical advice immediately and show container.
- Gloves and eye protection should be worn during mixing and application.
- Contains Potassium Silicate: 60% W/W CAS No. 67/548/EEC
- Contains Natural and Synthetic Pigment: CAS No. 1309-37-1
- May contain Amorphous Silica CAS No. 7631-86-9