

# Techno Crack Fill G/W

Polymer Modified Cementitious Crack Filler

## Product Description

Techno Crack Fill G/W is a crack sealing/filling cementitious material in powder form. It is easy to apply and can be finished or smoothened off with a putty blade or a damp sponge. It sets quickly on application and can be over coated with common paints/coatings.

## Uses

Techno Crack Fill G/W is used for filling cracks on plaster, masonry and concrete substrates

## Advantages

- Single component - Easy to use
- Versatile - Can be used for cracks in exposed conditions on plaster, masonry or concrete upto 20mm width
- Non sagging - Can be used for horizontal, vertical and overhead applications
- Good adhesion - Effective bonding with substrate
- Non Shrink - Shrinkage cracking eliminated
- Hydrophobic - enhanced waterproofing property

## Properties

Appearance	White or Grey
Pot Life	30min
Compressive strength (ASTMC109)	18 N/mm <sup>2</sup> in 7 days and 20 N/mm <sup>2</sup> in 28 days
Fresh wet density	1.95g/cc
W/p Ratio	0.23 by weight
Mix proportions volume powder	by 1 part water : 3 parts of
Minimum application temperature	10 °C

## Application Instructions

### Surface Preparation

The cracks to be sealed shall be saw cut or chiselled to form a 'V' groove of approximately of 6mm x 6mm. The grooves shall be cleaned to remove all the loose particles, dust, etc.

The groove shall be sprinkled with clean water before applying the sealing mortar.

### Mixing

Techno Crack Fill G/W shall be mixed with water adopting w/p ratio 0.23 by weight or a mix proportion of 1 part of water to 3.0 parts of Techno Crack Fill, by volume. Thorough mixing shall be carried out till a smooth, homogenous paste is obtained.

### Application

The mixed paste is filled into the groove by gloved hand and the surface finished using a trowel. This is continued till the full length of crack is sealed.

### Curing

Curing is necessary only when groove size exceeds 6mm width or in areas exposed to UV.

### Cleaning

Tools may be cleaned with clean water as Techno Crack Fill G/W is a cement based product.

### Limitations

Techno Crack Fill G/W crack sealer/filler cannot be used for moving cracks and for crack width greater than 20mm.

## Packaging

Techno Crack Fill G/W is supplied in 10 & 25 kg packs

## Coverage

About 30 RM for a V groove crack of 6mm x 6mm for 1kg pack. The actual coverage may vary depending on the substrate conditions.

## Health & Safety

Techno Crack Fill G/W is non-toxic in nature. Gloves and goggles should be worn. Any splashes to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, medical advice should be sought. Should use a dust mask while handling the powder.

## Precautions & Limitations

Techno Crack Fill G/W should not be placed in any unrestrained situation etc. Failure to comply may lead to crack development in the grout.

## Fire

Techno Crack Fill G/W is flammable

## Shelf Life

Techno Crack Fill G/W has a shelf life of 12 months in unopened packs, if kept in a cool dry storage. In high humidity locations, the shelf life may be reduced to less than 6 months if kept at 35°C

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### For Complaints/Suggestions:

Please write to our Customer Care Executive at

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