

# Monneli Crack Filler

High quality premixed  
surface crack filler

## Product Description

Monneli Crack Filler is composed of a fine filler, high quality white cement, bonding chemicals and special additives. It is supplied as a dry powder in pre-weighed bags ready to use on site, which requires only addition of clean water to produce cohesive mix. Monneli Crack Filler is a high quality product for repairing static cracks and provides very smooth surface finish for subsequent application of paints, decorative coatings & wallpapers. Monneli Crack Filler can be applied in crack thickness from scrape coat to 4 mm.

## Uses

- ▶ Filling static cracks up to 4 mm, blow holes and minor undulations etc.
- ▶ Applied externally & internally in wet to dry conditions onto the walls & ceilings such as Bathrooms & Kitchens.
- ▶ On concrete and plastered surfaces that are smooth and also precast concrete surfaces.

## Advantages

- ▶ Factory controlled pre-blend ensures consistent high quality.
- ▶ Requires only addition of water on-site at the time of usage.
- ▶ Suitable for external & internal applications.
- ▶ Cured material is water resistant.
- ▶ Easy application with superior finishing achieved with minimum effort.
- ▶ Strong adhesion on variety of substrates.
- ▶ Concrete and plastered walls & ceilings.
- ▶ Very smooth finish can be achieved.
- ▶ Suitable for humid & dry conditions.

## Usage Instructions

### Substrate Preparation

The surface should be sound, clean, free from loose material, grease, laitance, dirt curing compound, etc.

Prior to Monneli Crack Filler application, wet the entire surfaces with clean potable water and surface should look damp at the time of application.

### Mixing

For mechanical mixing add to the mixing container 6.8-7.4 litres of water for each 20 Kg bag of Monneli Crack Filler or 0.57-0.66 litres/1.5 kg small bag. Add the powder to the water and mix with a mechanical plaster mixer or low speed electric drill fitted with a suitable paddle for 3-4 minutes, until a uniform, lump-free consistency is achieved.

Leave the mixed material to stand for 10 min and briefly remix without addition of water. Manual mixing is allowed for small batch quantities and mix for approx. 1-2 min or when homogenous mix is achieved.

When required add 0.5 Ltr of Monneli Bond to the mixing water and adjust the water requirement accordingly for each 20 Kg bag or 30 ml of Monneli Bond per 1.5 kg bag. Follow the same mixing procedure as above.

Mixed material can be used within 2 hours. Do not add water to the mix once the mixed mortar start to harden.

### Application

Monneli Crack Filler is generally applied in two coats for wide and deeper cracks. Apply Monneli Crack Filler to the substrate by pressing the filler firmly into the cracks using flat putty trowel.

Use Monneli Joint Tape to cover the treated surface after filling the cracks. Use Monneli Bond for fixing tape for better adhesion. Use alkali resistant paints & coatings as a final decorative finishes.

### Curing

During hot and dry conditions, Monneli Crack Filler is cured by spraying water on the treated surfaces every 8-12 hours for minimum of 2 days.

### Cleaning

All tools should be cleaned immediately after finishing by water. Hardened materials can be cleaned mechanically.

### Technical Data

Category	Typical Values
Appearance	White coloured powder
Aggregate Size	0.2 mm (max)
Crack Thickness	≤ 4 mm
Wet Density	1.60 Kg/L (approx.)
Pot Time @ 25°C	3 hrs (approx.)
Setting Time @ 25°C	6-8 hrs
Compressive Strength (ASTM C109)	≥ 6 N/mm <sup>2</sup> @ 28 days
Flexural Strength (ASTM C348)	≥ 1.8 N/mm <sup>2</sup> @ 28 days
Bond Strength (BS EN 1015)	≥ 0.7 N/mm <sup>2</sup> @ 28 days

All values are subject to 5-10% tolerance

### Standards Compliance

- ▶ ASTM C348
- ▶ ASTM C109

### Consumption

Monneli Crack Filler usage yields 0.8-1.0 Kg per square meter.

### Packaging

Monneli Crack Filler is supplied in 1.5 & 20 Kg bag size.

### Shelf Life & Storage

Original sealed bags of Monneli Crack Filler has a shelf life of 12 months provided it is stored clear of ground in a dry shaded place below 25 °C.

### Health & Safety

Monneli Crack Filler is highly alkaline therefore avoid direct contact with eyes or skin. It is recommended to use protective gloves and goggles during application. Any skin contact should be wash with soap & water. In case of eyes irritation, immediately wash with copious amount of clean cold water. Seek medical advise. Monneli Crack Filler is non-flammable.

For further information, please refer to material safety data sheet.

### Legal disclaimer

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