

# Don Crack Filler

One component polymer modified cementitious fairing coat and cosmetic repair mortar



## DESCRIPTION

Don Crack Filler is a one component acrylic polymer modified powder. When mixed with water Don Crack Filler produces a highly consistent, smooth, fine, trowellable mortar.

## APPLICATIONS

- » For fair face concrete repair.
- » As a thin layer render.
- » As a skim coat for pin holes and minor honeycombed concrete repair.
- » As pore sealer and leveling mortar.
- » To produce a uniform surface for subsequent paint finish.

## ADVANTAGES

- » Shrinkage controlled polymer modified cementitious repair mortar which reduces any potential cracking.
- » Easy to apply, single component which requires only addition of water.
- » Crack filling repair up to 3 mm thicknesses.
- » Excellent adhesion to concrete, no independent primer or curing is required.
- » Compatible with other types of protective coatings.
- » Can be applied to feather edge thicknesses.
- » Suitable for internal and external applications.
- » Cost effective, hand applied no formwork is required.

## METHOD OF USE

### SUBSTRATE PREPARATION

All surfaces should be clean, sound and uncontaminated prior to the application of Don Crack Filler. The prepared area should be cleaned thoroughly by brush and/or compressed air. The prepared area should be soaked with water immediately prior to the application of Don Crack Filler.

### PRIMING

No independent primer is required.

## TECHNICAL PROPERTIES @ 25°C:

Colour:	Grey & white
Fresh wet density:	1.75 ± 0.10 g/cm <sup>3</sup>
Working life:	40 - 60 min
Setting time:	3 hr
Maximum aggregate size:	0.1 mm
Application temperature:	5 - 35°C
Application thickness:	Up to 3 mm
Compressive strength: EN 12190	≥ 18 MPa
Tensile strength: BS 6319-7	≥ 1.2 MPa @ 28 days
Adhesion bond: EN 1542	≥ 1.5 MPa
VOC: ASTM D2369	≤ 10 g/ltr

## MIXING

To ensure proper mixing, a mechanically powered mixer or drill fitted with suitable paddle should be used. However for small quantities, Don Crack Filler can be hand mixed using proper tools and bucket.

For small quantities, Don Crack Filler can be mixed by hand using proper tools and bucket.

For one 1.5 kg full bag of Don Crack Filler, 0.45 – 0.51 litre of fresh water should be added to a clean container.

For one 25 kg full bag of Don Crack Filler, 7.5 – 8.5 litre of fresh water should be added to a clean container.

The powder is then added slowly to the water while mixing continuously with low speed mixer/drill (400 - 600 rpm). Mixing time should be continued for 3 minutes until uniform consistency is obtained.

To enhance the scratch resistance of Don Crack Filler, an addition of Cempatch SBR or Cempatch SBR100 is advisable. 50% of the total mixing water shall be replaced by Cempatch SBR range.





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## PLACING AND FINISHING

Don Crack Filler can be applied to the cracks, holes and indentations using a trowel or putty knife. Press the filler firmly into the cracks to ensure good bond and complete filling of the cracks at up to 3 mm thicknesses.

The applied mortar should be allowed to stiffen before trowelling to a smoother finish.

## CURING

Curing is not required for Don Crack Filler in normal ambient conditions. In the case of harsh weather conditions, such as high wind and temperatures, it is recommended to cure with Setseal A or wet hessian with polyethelene.

## CLEANING

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

## PACKAGING

Don Crack Filler is available in 1.5 and 25 kg bags

## THICKNESSES AND SIZE LIMITATIONS

Don Crack Filler can be applied by single application from feather edge to 3 mm thickness. Higher thicknesses can be achieved by applying multiple layers.

## YIELD

Approximately 18.85 litre per 25 kg bag.

## STORAGE

Don Crack Filler has a shelf life of 12 months from date of manufacture if stored at temperatures between 2°C and 35°C.

If these conditions are exceeded, DCP Technical Department should be contacted for advise.

## CAUTIONS

### HEALTH AND SAFETY

As a powder containing Portland cement, Don Crack Filler may cause irritation to skin or eyes.

In case of accidental contact with eyes, immediately flush with plenty of water for at least 10 minutes and seek medical advise if necessary.

For further information refer to the Material Safety Data Sheet.

## FIRE

Don Crack Filler is nonflammable.

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- » Concrete admixtures.
- » Surface treatments
- » Grouts and anchors.
- » Concrete repair.
- » Flooring systems.
- » Protective coatings.
- » Sealants.
- » Waterproofing.
- » Adhesives.
- » Tile adhesives and grouts.
- » Building products.
- » Structural strengthening.

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### Note:

We endeavour to ensure that any information, advice or recommendation we may give in product literature is accurate and correct. However, because we have no control over where and how products are applied, we cannot accept any liability arising from the use of the products.

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