



Dr. Fixit Crack-X Powder

HIGH STRENGTH POWDER CRACK FILLER FOR SURFACE CRACKS IN INTERNAL AND EXTERNAL SURFACES

Description

Dr. Fixit Crack-X Powder is a cement based polymer modified powder material for filling cracks in plastered surface. It is composed of cement, properly selected aggregates, polymer & additives which requires on site addition of water only. It is ideal to fill 3 to 5 mm wider static cracks. Cracks filled with Dr. Fixit Crack-X Powder enhances the subsequent paintings quality and life.

Typical Applications

- To fill the static cracks of 3 to 5 mm sizes in horizontal or vertical areas of buildings & structures.
- To level the undulation of the unplastered or plastered ceilings and walls before painting.
- To provide smooth finish to brick, stone, and wood works.
- As an excellent sculpting material.

Features & Benefits

- Adhesion - Strong adhesion on wood grain, pipe lagging common building substrate.
- Easy to use - It is do it yourself product. It requires only onsite addition of water.
- Eco- friendly - Does not contain solvent thus no emission of vapours.
- Cost saver - As surface leveler before painting it reduces paint consumption and increases the life of the paint making it economical.
- Permanent crack filling ability - Due to polymer modified properties it gives long lasting permanent crack sealing

Method of Application

1 SURFACE PREPARATION

- identified cracks must be cut in V shape groove with mechanical grinders.
- Ensure the surface is cleaned from oil, grease or loose debris
- Wash the surface with water and surface must be saturated and dry condition before application

2 PRIMING

- In normal conditions Crack-X Powder does not require a primer. However in critical areas water Dr Fixit Primseal primer can be used depending on the severity of surface and application

3 MIXING

- Mixing ratio of Crack-X Powder to water varies with respect to area of application.
- For surface leveling - the ratio is 2 parts of powder to 1 part of water which will yield to smooth buttery consistency.
- For filling deep holes and cracks - reduce the water quantity to get a thicker pasty consistency.
- For filling wood grain - water to get buttery consistency that can be applied by brush.
- In a shallow pan or bucket made of metal / plastic a portion of mixing water to be added. Start addition of crack filler powder gradually under continuous mixing till a homogeneous lump free mix is obtained after addition of balance quantity of water.
- For smaller mixes wooden or metal spatula can be used and mixed manually. For larger mixes Hobart or PAN mixer is suggested. Hand drill mixer with paddle stirrer can also be used at 250 - 300 rpm. The total mixing time shall not be more than 5 minutes.
- The final mixed product would be of dough consistency paste. In case further soft consistency is required, measured quantity of water can be used.

4 APPLICATION

- For crack filling - Fill the mixed paste into the crack by spatula or putty knife blade. Fill excess material and tool it by putty knife blade pressing against crack so that air voids get filled. By wet finger tool the surface of material in to a concave nature by pressing against joint edges.



- For Surface leveling - The mixed smooth paste should be applied by painter blade on the dampened wall or ceiling. The material should be applied at the desired thickness in bottom- to -up fashion to avoid blade marks. For multiple coat applications the previous coat should be allowed to cure for minimum 6 hrs. The subsequent coat should be at the right angle to the previous coat.
- For wood grain & pipe lagging - For wood grain, apply the buttery consistency mixed material by brush. Mix mineral wool with the buttery mix for pipe lagging & awkward places.

5 CLEANING

- Before the material sets clean the tools, equipments & hands with soap or plain water.
- Cured material can be removed by vigorous scrubbing using sand paper or scrapper.

Precautions & Limitations

- Dr. Fixit Crack-X Powder is for static joint filling only.
- It does not accommodate any movements and thus it is not suitable for dynamic cracks.
- For outside use the Dr. Fixit Crack-X Powder must be coated over with exterior paint to prevent water penetration.

Technical Information

PROPERTIES	SPECIFICATION	RESULTS
Type & nature		Single Pack powder
Appearance	Powder	Free flowing powder
Colour	Whitish	White
Mixing ratio For surface levelling		2 parts Powder & 1 part water by weight
For crack filling		2.5 parts powder and 1 part water by volume
Bulk Density		1.30 to 1.60
Application Life @25°C, minutes		More than 20
Setting time@25°C, hours		3 hours
Paint ability		Paintable
Adhesion		Excellent adhesion to Most Building material.

Coverage

The coverage varies with different application. For crack filling - 1 kg powder with 500 ml water will fill a crack of 5 mm width by 5 mm depth up to 37.5 linear meter.

Packaging

500 gm, 1 kg, 25 Kg and
1.5 kg Export

Shelf Life

Shelf life is 12 months from the date of manufacturing. Store the material in cool & dry place.

Health & Safety

- As with all chemical products caution should always be exercised.
- Protective clothing such as gloves and goggles should be worn (see packaging for specific instructions).
- Treat any contact to the skin or eyes with fresh water immediately.
- Should any of the products be accidentally swallowed, do not induce vomiting but call for medical assistance immediately.
- Ensure the container is available for the medical attendant to examine any relevant instructions and contents details.
- Reseal all containers after use and ensure product is stored as instructed on the safety section of the labelling.

Other Products Categories available

Dr. Fixit brings you the widest range of Construction Chemicals



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