

COSTAR CRACK MASTER

Description

Costar Crack Master is a composed of cement, special aggregates, polymer and additives specifically designed for filling the cracks in plastered surfaces. It has excellent bonding, ease of application, water resistance, aesthetic appearance & durability.

Features

- Easy to apply
- Does not crack & accommodates minor movements in cracks.
- Suitable for application on damp surfaces
- Over Paintable
- Excellent adhesion and non-shrink.
- Excellent water resisting properties
- Low VOC and non-toxic
- Durability – Excellent resistance to UV & atmospheric conditions.

Method of Application

Surface Preparation

Ensure that the concrete surface to be repaired is sound and free from dirt, oil, laitance and any other deleterious substances, which reduces adhesion of material to the substrate. To ensure satisfactory bonding, the prepared surface should be moistened; hair line cracks should be widened to at least 1mm by the use of scrapper.

Mixing

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.

Substrate	Consistency
Surface Leveling	Smooth buttery consistency
Filling Deep Holes and Cracks	Thick paste

Mixing ratio of Costar Crack Master to water varies with respect to area of application.

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

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Packaging

20Kg pack

Technical Properties

PROPERTIES	SPECIFICATION	RESULTS
Appearance	Smooth & thick	paste
Color		White
Sp. Gravity @ 30°C, gms/ml	ASTM D : 3800 - 79	1.40 ± 0.02
Consistency		Viscous paste
Nonvolatile content, %	ASTM D : 1010	75 -80
Tack free time, Minutes	ASTM D : 2377	30 – 40
Vertical slump. mm	ASTM D : 2202	Nil
Service temp range, °C		-15 to + 80
Extension recovery, %	ASTM C : 736	Min 75
Freeze / thaw stability, cycles		Passes 5
Volume shrinkage, %	ASTM C 1241	20
Movement accommodation factor, %		+ 10
Water resistance		Excellent

Coverage

Approximate coverage for a depth of 5mm and 5 mm width is 25-30 linear meter at one coat.

Shelf life & Storage

Shelf life is 12 months from date of manufacturing in unopened containers. Store in a cool & dry place, away from sun heat.

Health & Safety Precautions

Use rubber hand gloves & safety goggles, In case of contact with skin, wash with plenty of water. Keep out of reach of children's. Should any of the products be accidentally swallowed do not induce omitting but call for medical assistance, immediately.

Limited Warranty

All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty either expressed or implied. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his or her use of the product. Nothing contained in any supplied materials relieves the user of the obligation to read and follow the warnings and instruction for each product as set forth in the current Technical Data Sheet, product label and Safety Data Sheet prior to product use away.

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