

TRUBUILD CFP 525

Crack Filler Powder



TECHNICAL DATA SHEET

VER NO. 1.1

TRUBUILD CFP-525 is a cement-based, polymer modified powder material for filling cracks in plastered surfaces. It is composed of cement, selected aggregates, polymer & additives which requires on site addition of water only. Cracks filled with Trubuild CFP-525 enhance the subsequent paints' quality and life.

ADVANTAGES



**STRONG
ADHESION**



EASY TO USE



**REDUCES PAINT
CONSUMPTION**



**ON-SITE ADDITION
OF WATER**

- Adhesion - Strong adhesion to common building substrates
- Easy to use - It is a do it yourself product & requires only on-site addition of water
- Requires only addition of water on - site at the time of usage
- As a surface leveller before painting, it reduces paint consumption and increases the life of the paint making it economical



AREAS OF APPLICATION



APPLICATIONS

- To fill static cracks of 3 to 5 mm
- To level undulation on unplastered or plastered ceilings and walls prior to painting
- To provide smooth finish to brick, stone, and concrete

AVAILABLE PACKING



1 kg

HOW TO APPLY

- Ensure the joints edges are neat and sound. Make sure that the surface is clean & free from standing water. The surface should be free of loose debris.
- Contaminations of oil, grease or bitumen should be completely cleaned.
- Under normal conditions, Trubuild CFP-525 does not require a primer. However, in critical areas water based acrylic or SBR based primer can be used depending on the severity of surface and application.
- Mixing ratio of Trubuild CFP-525 to water varies with respect to area of application.
- For filling deep holes and cracks, reduce the water quantity to get a thicker pasty consistency.
- The final mixed product would be a paste of dough consistency. In case further soft consistency is required, measured quantity of water can be used.

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 levelling - The mixed smooth paste should be applied by painter blade on the dampened wall or ceiling. The material should be applied in the desired thickness in a 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.

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TECHNICAL DETAILS

PROPERTIES	UNIT	RESULTS	METHOD
Appearance	Visual	Off white powder	–
Colour	Visual	Off white	–
Setting time	Hrs: min	3:10	–
Bulk density	g/cc	1.44	ASTM D 7481-18
Pot life	Minutes	20	ISO 13007-3-2010
Tack free Time	Minutes	40	ASTM C 679-2015
Dry shrinkage	%	0.002	ASTM C 157-2017
Pull off adhesion	N/mm ²	0.44	ASTM D 7234-2021
Water absorption @ 15 min	ml	1.2	Karsten Tube
Water absorption @ 30 min	ml	3.6	
Water absorption @ 60 min	ml	5.5	
Water absorption @ 4 hrs.	ml	9.6	
Mix density	g/cc	1.52	----

HANDLING PRECAUTIONS

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing, physical, ecological, toxicological and other safety related data.

PRECAUTION & LIMITATION

- Do not apply for cracks of more than 5 mm width.
- Do not apply on wet surfaces. Meant for plaster cracks.
- Not for application in cracks of structural members, expansion joints & separation gaps.
- Not for cracks in POP or painter's putty.
- For application below 10°C, drying time will be delayed.
- Container to be tightly closed after application.

CLEANING

Application equipment should be thoroughly cleaned with water after application.

RESTRICTION IN USE

- Trubuild CFP-525 is for static joint filling only. It is suitable for cracks less than 5mm width.
- It does not accommodate any movements and thus it is not suitable for dynamic cracks.
- For outside use, Trubuild CFP-525 must be coated over with exterior paint to prevent water penetration.

COVERAGE

- 37.5 running meter per kg (for a depth & width of 5 mm)

SHELF LIFE & STORAGE

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

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