



## Crack Filler Powder

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

### APPLICATIONS

- To fill static cracks of 3 to 5 mm.
- To level undulation on un plastered or plaster ceiling's and walls prior to painting.
- To provide smooth finish to brick, stone, and concrete

### ADVANTAGES

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

### 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 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

### HOW TO USE

- Ensure the joints edges to be neat and sound. Make sure that 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
- In 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 of dough consistency paste. In case further soft consistency is required, measured quantity of water can be used

### RESTRICTION IN USE

- Trubuild CFP-525 is for static joint filling only. 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 the Trubuild CFP-525 must be coated over with exterior paint to prevent water penetration

### 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 <sup>2</sup>	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	----

# TRUBUILD CFP 525

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### TECHNICAL DATA SHEET

VER NO. 1.5



#### COVERAGE

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

#### PRECAUTION & LIMITATION

- Do not apply for cracks of more than 5 mm width
- Do not apply on wet surfaces. Meant for plaster cracks
- Should not be used for **cracks** more than 5 mm thick
- Not for application in **cracks** in 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 clean after application with water.

#### SHELF LIFE & STORAGE

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

#### HANDLING PRECAUTION

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.

#### PACKING

1 Kg.

**IMPORTANT:** This technical data sheet replaces all previous versions of it from the immediate effect. The information, and, in particular, the recommendations relating to the application and end-use of Astral Limited construction chemical products, are given in good faith based on our knowledge and experience of the products when properly stored, handled and applied under suitable favourable conditions in accordance with Application instructions recommended in Product Technical Data sheet. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. For the products on which company is offering warranty, please refer to warranty document to know entire terms and conditions. The same can be availed on request or from company website. The values mentioned in the above tables in technical data sheet are obtained in controlled lab conditions when tested properly by competent laboratory. Tolerance up to five to ten percentage on the lower side from the above values are allowable as per standard. Astral Limited reserves the right to change the properties of its products. The end user of the product must test the product's suitability for the intended application and purpose. Astral Limited will not bear any responsibilities on the product failure if it is wrongly positioned or if improper application methodology adopted by the user or the applicator. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request. No freedom from any patent owned by Seller or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace, and disposal practices are in compliance with applicable laws and other governmental enactments.



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