

CRACKFILL PASTE

Crack-Filling Paste

ASTRAL

TRUBUILD™

TECHNICAL DATA SHEET VER NO. N.1

TRUBUILD CRACKFILL PASTE (formerly known as CFP-425) is composed of high-quality weather durable acrylic emulsion polymer with properly selected graded fillers, light fast pigment & additives. It is a single pack, ready-to-use, flexible putty for filling the cracks in plastered surfaces since it has excellent bonding, easy to apply water resistant & is durable.

FEATURES & ADVANTAGES



EASY TO APPLY



EXCELLENT ADHESION



LOW VOC,
ECO-FRIENDLY



FLEXIBILITY



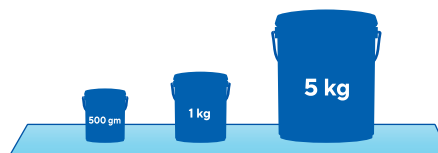
- Consistency - Paste form, without sagging
- Ease of application - Easy to apply by putty knife similar to conventional putties
- Flexibility - Flexible, therefore does not crack & accommodates minor movements in cracks
- VOC - Water based with very low voc hence eco-friendly.
- Application advantage - Can be applied on damp surfaces but not on cracks with running water.
- Paint ability - Can be overcoated by any type of polymer-based paints, after 24 hours.
- Bonding - Excellent adhesion with cementitious surface.
- Durability - Excellent resistance to UV & atmospheric conditions.

AREAS OF APPLICATION



Press Trubuild Crackfill Paste firmly into the crack with a spatula or putty knife and level with the surface. Internal & external plastered brick masonry wall cracks of up to 5 mm width.

PACKAGING



METHOD OF APPLICATION

SURFACE PREPARATION

- Surface must be free from dust, oil, grease, and loose particles, etc. Moisten the surface before applying Trubuild Crackfill Paste. Fine hair line cracks must be widened up to 1 mm minimum by using scrapper and then filled.
- For filling Trubuild Crackfill Paste on the internal surface, existing POP or painter's putty must be removed till plaster surface is exposed.
- For porous surfaces, apply primer coat prepared with Trubuild Crackfill Paste and water in 1:1 proportion over the crack. Fill Trubuild Crackfill Paste when the surface is tacky and not dried completely.

- Press Trubuild Crackfill Paste firmly into the crack with a spatula or putty knife and level with the surface. Care must be taken to avoid formation of cavities or bubbles during application. Allow it set for 24 hours and then apply another coat of Trubuild Crackfill Paste
- Further POP or painter's putty application can be taken up once it is fully dry.
- Fine hair line cracks must be widened with 'V' groove up to 1 mm minimum and then fill.
- Care must be taken to avoid formation of cavities or bubbles during application.
- Allow it to set for 24 hours and then apply another coat of Trubuild Crackfill Paste.

LIMITATIONS

- Should not be used for cracks more than 5 mm thickness.
- Not for application in cracks of structural members, expansion joints & separation gaps.
- For application below 10°C, drying time will be delayed.

TECHNICAL PROPERTIES

S.NO.	PROPERTIES	UNIT	RESULTS	METHOD
1.	Appearance	Visual	Smooth & thick paste	----
2.	Consistency	Visual	Viscous paste	----
3.	Colour	Visual	White	----
4.	Service temperature	°C	5-50	----
5.	Pot life	Minutes	15	ISO 13007-3-2010
6.	Density	g/cc	1.67	ASTM D 1475-2013
7.	Tack free time	Minutes	45	ASTM C 679-2015
8.	Dry shrinkage	%	0.003	ASTM C 157-2017
9.	Pull off adhesion	N/mm ²	0.72	ASTM D 7234-2021
10.	Water absorption @ 15 min	ml	Nil	Karsten tube
11.	Water absorption @ 30 min	ml	Nil	
12.	Water absorption @ 60 min	ml	Nil	
13.	Water absorption @ 4 hrs.	ml	Nil	ASTM G 154-2016
14.	UV exposure – 500 hrs	Visual	No colour change	

STORAGE

Storage at a cool & dry place, away from sun heat. 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, and toxicological and other safety related data.

PRECAUTION & LIMITATION

- To fill the cracks up to 5 mm sizes in horizontal or vertical areas of buildings & structures
- Not for application in cracks in structural members, expansion joints & separation gaps
- Not for cracks in POP or painter's putty

CLEANING

Application equipment should be thoroughly clean after application with water.

COVERAGE

25-30 running meter/kg (for a depth of 5 mm and width of 5 mm).

SHELF LIFE & STORAGE

12 months from the date of manufacturing under unopened conditions.

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