

UltraTech SEAL & DRY

Multipurpose Acrylic Binder

5 PLUS

Series: SD5P0012 | Month: February 2021
Supersedes all earlier TDS

UltraTech SEAL & DRY 5 PLUS is an acrylic co-polymer liquid which is used as a bonding agent, as a modifier for repair plaster/ concrete/ mortar, as an anti-corrosive protection coat, crack filler and as a key/priming coat.

Areas of Application

UltraTech SEAL & DRY 5 PLUS is ideal to be used as a bonding agent to bind old & new plaster/ concrete/ mortar and as a modifier in repair plaster/ concrete/ mortar. It is also recommended as an anti-corrosive agent and for crack filling purpose. It can also be used as a key/priming coat.

Features and Benefits

- High solid content which ensures better cohesiveness and excellent bonding
- Excellent material for repair and renovation
- Provides excellent bonding and adhesion
- Provides toughness and flexibility
- Easy to use
- Better prevention from rusting

Method of Application



Surface Preparation

- Prepare the surface by removing oil, bond inhibiting agents, dirt, dust and laitance.
- Clean the surface following suitable methods like by using wire brush and jet wash.
- Wet the surface with water and bring it to SSD condition.

Application



Bonding agent

- Apply the mix of UltraTech SEAL & DRY 5 PLUS and cement on the required surface as bonding agent in the ratio of 1:1 (1 part liquid & 1 part cement).



Modifier for repair plaster, concrete & mortar

- Add 750 g - 1 kg UltraTech SEAL & DRY 5 PLUS per 50 kg bag of cement in plaster, 1.5 - 2 kg per 50 kg bag of cement in concrete and 3 - 3.5 kg per 50 kg bag in mortar mix.



Anti-corrosive rebar coat

- Apply mix of UltraTech SEAL & DRY 5 PLUS with grey cement, on the entire surface of exposed and cleaned reinforcement by brush as an anti-corrosive treatment in the ratio of 1:1.5 (1 part liquid & 1.5 part cement).



Crack filling

- Apply the mix of UltraTech SEAL & DRY 5 PLUS and white/grey cement on prepared and cleaned grooved cracks (6mm X 6mm V-groove) with putty blade in the ratio of 1:2 (1 part liquid & 2 part cement).



Key/priming coat

- Apply the mix of UltraTech SEAL & DRY 5 PLUS, cement and potable water on the prepared surface using brush as a key/priming coat in the proportion of 2:1:1 (2 part liquid, 1 part cement & 1 part water).

Technical data

Solid content: 50% ± 1% by weight in the solution
pH value: 8 to 10

Description	Mix Ratio - Seal & Dry 5 PLUS: Grey/White cement	Coverage/kg
Bonding Agent	1:1	45-48 sq.ft.
Polymer Modified Plaster	750 g - 1 kg per 50 kg bag of cement	Depends on plaster mix preparation
Polymer Modified Concrete	1.5 - 2 kg per 50 kg bag of cement	Depends on concrete mix preparation
Polymer Modified Mortar	3 - 3.5 kg per 50 kg bag of cement	Depends on mortar mix preparation
Anti-corrosive Rebar Coating	1:1.5	75 RMT @ 1mm thickness for 10mm dia Bar
Crack Filling	1:2	85 RMT @ (6mm X 6mm "V" Groove)
Key/priming Coat	2:1:1 (Seal & Dry 5 Plus: Cement: Water)	75 sq.ft.

Note

- UltraTech SEAL & DRY 5 PLUS Waterproofing specifications & method statement needs to be strictly followed to derive the complete product performance.
- The adhesion strength between concrete/plaster and reinforcement is not hampered by using UltraTech SEAL & DRY 5 PLUS.
- The technical data provided in this technical data sheet is as per lab testing conditions and may vary as per the actual method of application at sites.
- Consult UltraTech Building Product Division Technical Services Cell for any further technical assistance.

Safety Directions

- UltraTech SEAL & DRY 5 PLUS is non-toxic. Use of gloves and goggles recommended. Any splashes to the skin or eyes should be washed off with clean water.
- In case of prolonged irritation, medical advice should be sought. UltraTech SEAL & DRY 5 PLUS is non-flammable.

Shelf Life

- UltraTech SEAL & DRY 5 PLUS has a shelf life of 18 months from the date of manufacture. Store in a cool and dry place.

Packaging

1 kg, 5 kg, 10 kg, 20 kg

Other Product Categories

- Waterproofing - SEAL & DRY and WEATHER PRO
- Tile Adhesive & Tile Grout - TILEFIXO and TILEFIXO GROUT
- Plaster & Jointing Mortar - SUPER STUCCO, READIPLAST, BASEKRETE and FIXOBLOCK
- Repair & Rehabilitation - MICROKRETE, MYKROFILL and BASEKRETE
- Flooring - FLOORKRETE
- Industrial & Precision Grout - POWERGROUT
- Autoclaved Aerated Lightweight Concrete Blocks - XTRALITE

DISCLAIMER

Information provided in this data sheet is a guideline for usage. Users are advised to undertake a trial for product suitability prior to its full scale usage. There is no implied guarantee/warranty for the results and the company is not liable for any consequential damages.



UltraTech Cement Limited

Regd. Office: 2nd Floor, B-Wing, Ahura Centre, Mahakali Caves Road, MIDC, Andheri (East), Mumbai - 400 093. India | Email: ultratech.care@adityabirla.com
Website: www.ultratechcement.com | Toll Free: 1800 210 3311

