

UltraTech SEAL & DRY

SBR

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Supersedes all earlier TDS

Bonding & Waterproofing Liquid

UltraTech SEAL & DRY SBR is a Styrene butadiene co-polymer latex having multipurpose applications as a bonding agent, modifier for repair plaster, concrete & mortar and waterproofing agent.

Areas of Application

UltraTech SEAL & DRY SBR is highly recommended to be used as a modifier in mortar and concrete for repair of old concrete and plaster. It strongly bonds old concrete and plaster surfaces with new concrete and plaster surface and can also be used for general waterproofing applications.

Features and Benefits

- Improves the properties of concrete/mortar
- High solid content which ensures better cohesiveness and excellent bonding
- Higher coverage and tackiness time
- Strongly binds the old & new concrete/plaster layer
- Enhances durability
- Prevents leakage & seepage issues

Method of Application



Surface Preparation

- Prepare the surface by removing oil, bond inhibiting agent, 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.
- Corroded reinforced bars should be exposed, cleaned and treated with UltraTech SEAL & DRY 5 PLUS.

Application



Bonding agent

- Pour UltraTech SEAL & DRY SBR in a mixing bucket and add cement in the ratio of 1:1 (1 part liquid & 1 part cement). Mix them thoroughly to form a thick slurry.
- Apply one coat of slurry by using brush. Place the new concrete/mortar while the bond coat is tacky, within 20-30 minutes of application.



Modifier for repair plaster, concrete & mortar

- Add 750 g - 1 kg UltraTech SEAL & DRY SBR 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.



Waterproofing coat

- Mix UltraTech SEAL & DRY SBR, water & cement to form slurry in the proportion of 1:1:2 (1 part liquid, 1 part water & 2 part cement).
- Apply the first coat of slurry using brush on the surface and after the first coat dries, apply second coat in the direction perpendicular to the first coat.

Technical data

Solid content: 40% \pm 1% by weight in the solution
pH value: 8 to 10

Description	Mix ratio - Seal & Dry SBR: Grey 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
Waterproofing	1:1:2 (Seal & Dry SBR: Water: Cement)	100 sq.ft.@ 1mm thickness in 2 coats

Note

- UltraTech SEAL & DRY SBR Waterproofing specifications & method statement needs to be strictly followed to derive the complete product performance.
- 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.
- Sprinkling dry sand is recommended while the second coat of application is still wet.

Shelf Life

- UltraTech SEAL & DRY SBR has a shelf life of 24 months from the date of manufacture. Store in a cool and dry place.

Packaging

1 kg, 5 kg, 10 kg, 20 kg, 50 kg

Safety Directions

- UltraTech SEAL & DRY SBR 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 SBR is non-flammable.

Other Product Categories

- 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.



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