

TRUBUILD WSL 334

Waterproofing Super Latex

TECHNICAL DATA SHEET

VER NO. 1.6



TRUBUILD WSL-334 (Super Latex) is a ready to use styrene butadiene latex used for high performance applications of repairs and water proofing. It is used for repairing of old construction like floor, beams slabs etc. and water proofing of toilets, kitchen, bathroom and terraces. It has excellent bonding strength for old to new concrete and to plaster.

APPLICATIONS

- It is used for different concrete repair application like spalled concrete, stone work, plaster, etc.
- It is also used for water proofing of toilets, kitchen, bathroom and terraces to prevent leakage and dampness.
- It is used as a bond coat and bonding plaster to plaster, concrete to concrete, plaster to concrete masonry to stone work for plastering over brick masonry.
- It is for repairs of plaster cracks more than 5 mm in gaps of masonry and RCC substrate.
- It is used to coat rebar which prevents corrosion.

ADVANTAGES

- Free from chloride content.
- Prevents corrosion.
- Single component product and easy to use due to its low viscosity.
- It prevents cracking, improves hardness & Flexural strength
- It has excellent bonding on various substrates like concrete, masonry, stone work, plasters, etc.

TECHNICAL DETAILS

PROPERTIES	STANDARD	RESULTS
Physical state		Low Viscous liquid
Appearance		Opaque
Colour		White
pH	IS:9103-1999	7-9
Specific Gravity		1.01-1.03
% Solid	IS:101 (P-8/S-6):1993	42-44%
Compressive Strength	(ASTM C579)	30-40 N/mm ²

RESTRICTIONS ON USE

- Not recommended for use in very critical concrete repairs.
- Strictly do not dilute beyond recommendation.
- To be applied over damp substrate but surface should be touch dry.
- Waterproof coats must be protected with screeds/plaster.

HOW TO USE

Surface Preparation

- The surface should be clean and dried before application. It should be free from dust, unsound material, loose plaster, oil, paint, grease, algae and corrosion deposits. Roughen the any smooth surface by scrubbing.
- Expose corroded rebar and remove all scales & corrosion deposits on the surface

Mixing

- For less than 25 kg on mix hand mixing is permissible, for quantity above to 25 kg use of proper mixture machine is recommended to get proper mixing.
- Before application surface should be thoroughly saturated with water and ensure removal of any excess water prior to application.

Waterproof, Bondcoat & Rebar Coating

- Make a slurry of 1: 4: 7 ratios of Trubuild WSL 334, Water and cement.
- Charging of cement and mixing should be done slowly to avoid any air entrapment.
- Apply one coat on surface and allow it to dry. After 4-6 hrs of first coat, apply second coat and then again allow it to dry. The repair or top mortar application should be carried out when then slurry coating is still tacky.

Renderers & Patch repairing Mortar

- For render and patching repair mortar application following quantities are to be mix (Cement: 50 kg, Sand: 150 kg, Trubuild WSL 334: 5 kg & Water: 15 lit).
- Mix 5 kg of Trubuild WSL 334 with 15 litres water.
- Use this mix to make mortar with cement & sand.
- Wet the crack completely.
- Apply a single coat of Trubuild WSL 334 prior to crack filling.
- Do the crack filling when the coating is still tacky.

Waterproof or Repair Plaster

- For water proof or repair plaster following quantities are to be mix (Cement: 50 kg, Sand: 150 kg, Trubuild WSL 334: 1 kg & Water: 20 lit).
- Mix 1 kg of Trubuild WSL 334 with 20 litre of water.
- Use this mix to make mortar with cement & sand.
- Final layer of plaster must not be mixed with Trubuild WSL 334. Trubuild CPS should be added in the final layer of plaster.

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APPLICATION & COMPOSITION

SR. NO	APPLICATION AREA	MIX (TRUBUILD WSL 334 : WATER : CEMENT) BY VOLUME	METHOD OF APPLICATION
1	As bond coat	1:4:7	Apply a single coat of the mixed quantity of Trubuild WSL 334. When coat is tacky, apply the plaster or concrete according to the situation. Always add cement to the liquid (Trubuild WSL 334: water = 1 : 4)
2	As waterproof coating	1:4:7	Brush apply the 1 st coat. Apply 2 nd coat after 1 st coat is dry approximately 4-6 hrs between two coats. Overlay the 2 nd coat with screed/plaster for protection and finish. Coverage- 80-90 sq.ft/kg/2 coats.
3	Rebars coating	1:4:7	Rusted rebars must be thoroughly scraped, by mechanical means if required. Brush apply a single coat of prepared mix over the rebars. Apply concrete/mortar when the coat is tacky.
4	Renders, Patching & Crack Repair Mortar	5 kg Trubuild WSL 334 + 15 ltr Water + 50 kg Cement + 150 kg Sand	Mix 5 kg of Trubuild WSL 334 with pre-measured water for 50 kg of cement. Use this mix to add to the recommended dry mortar mixes. Mortar mixes may be as mixed as 1:3 (cement: sand). Keep water-cement ratio in Mortar as low as 0.4 but not more than 0.45. Clean the cracked area properly of all loose materials. Wet the crack completely using a bottle spray. Apply a single coat as a bond coat prior to the crack filling of Trubuild WSL 334 as per the mixing proportions mentioned earlier. Fill the crack with above prepared mortar. Compact it into the crack fully and trowel finish to level.
5	As waterproof plaster	50 kg OPC cement 150 kg Sand 1 kg Trubuild WSL 334 20 ltr Water	Mix 1 kg Trubuild WSL 334 with pre-measured water for 50 kg of cement. Use this mix to add to the recommended dry plaster mixes. Plaster mixes may be as rich as 1:3 (cement: sand). Keep water-cement ratio in Plaster as low as 0.4 but not more than 0.45. For better application apply a bond coat with Trubuild WSL 334 as suggested earlier. 2 nd and final layer of plaster must not be mixed with Trubuild WSL 334. Add Trubuild CPS 111 to the second coat plaster. Take care to scratch-key the 1 st coat surface for effective bond with the 2 nd coat.

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STORAGE

Product should be stored in a dry place in their original, properly closed containers at temperature between 2 - 40°C. Partially emptied container should be closed immediately.

SHELF LIFE

24 months from the date of manufacturing.
(Storage Temp 2°C- 40°C)

HANDELING PRECAUTIONS

Mandatory and recommended industrial hygiene procedures should be followed whenever our products are being handled and processed. For additional information please consult the corresponding product data sheets and the brochure "Hygienic precautions for handling plastics products".

PACKING

200 gm, 500 gm, 1 kg, 5 kg, 10 kg & 20 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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