SANTEC
BUILD WITH CARE

TECHNICAL DATA SHEET

Santec

SBR Waterproof

Modified SBR latex bonding agent and cement modifier for waterproof concrete, plasters, mortars and repairs.

PACK 1 kg | PACK 5 kg | PACK 10 kg | PACK 20 kg | PACK 200 kg



Single Component | Waterproof | Excellent Bond

2 : 1	1 : 1	7–9 m²/L	4–6 hrs
SBR : CEMENT, COATING	SBR : CEMENT, PRIMER	COVERAGE	BETWEEN COATS

01 Product Description

Santec SBR Waterproof is a single-component product based on modified SBR latex. It is a ready-to-use bonding agent and cement modifier, used as an admixture for waterproof concrete, plasters and mortars.

Use it to make polymer-modified mortars and screeds, as a bonding agent, to repair worn, damaged and spalled concrete, and as a slurry coat base for waterproofing.

Always mix with OPC (Ordinary Portland Cement).

02 Features & Benefits

- Single component
- Excellent bond
- Durable
- Ready to use
- Improves tensile and flexural properties

03 Uses

Concrete repairs
Spalled concrete of floors, columns, beams, chajja, slabs and parapets.

Waterproofing
Small roof terraces, sunken toilets and bathrooms, chajja and balconies.

Bond coat
Bonding of masonry stonework and plastering.

Cladding
Fixing or re-fixing slip bricks, tiles and stones; marble bedding.

External rendering
Weatherproof and frost-resistant render.

04 Surface Preparation

- **Clean:** the surface must be dry, clean and free of residues. Wire-brush or scrub off hidden dirt, loose particles, laitance and dust. Degrease with suitable solvents.
- **Repair:** saw-cut the edges of spalled areas to a depth of at least 10 mm to avoid feather edging and give a strong bond.
- **Roughen:** where breaking out isn't possible, clean off contamination and roughen by light scabbling or grit blasting.
- **Pre-wet:** before priming, saturate concrete with potable water, then remove any excess water.

05 Mixing & Application

Three ways to use it

Ready to use · always mix with OPC

WATERPROOFING COAT
2 : 1 SBR : cement

- Gradually add OPC to SBR Waterproof until brushable.
- Mix 2 – 3 min to avoid air entrapment.
- Brush on 2 coats, vertical then horizontal, 4 – 6 hours apart.
- Finish with a protective screed to slope and thickness.

BONDING PRIMER
1 : 1 SBR : cement

- Mix SBR Waterproof and cement by weight.
- Brush 1 continuous coat on the prepared concrete.
- Apply repair mortar while the primer is tacky, wet on wet.

REPAIR MORTAR
Mortar modifier

- Use a pan mixer, or a drill with spiral paddle at 400 – 500 rpm.
- Dry-mix clean sand (or aggregate) and cement for 1 – 2 min.
- Add SBR Waterproof dispersed in the pre-batched water; mix 2 – 3 min.
- Add water slowly to the required consistency.

06 Application Conditions

10–40 °C	≤ 80 %	≤ 5 %	+3 °C	None
Recommended ambient temperature	Relative air humidity	Residual moisture of substrate	Substrate above dew point, max. 50 °C	Rising moisture or osmosis problems

07 Technical Data

PROPERTY	VALUE
Base	Modified SBR latex
Aspect	Liquid
Colour	Milky
pH	7 – 8

PROPERTY	VALUE
Waterproofing coat	**2 : 1 SBR : cement**
Bonding primer	**1 : 1 SBR : cement**
Recoat interval	4 – 6 hours
Coverage	7 – 9 m² per litre

08 Consumption

7–9 m² **per 1 litre**
on any suitable surface

Data is a guideline only. Physical values are subject to normal manufacturing tolerances, colour and testing variances. Coverage figures are theoretical and do not allow for extra material needed due to surface porosity, profile, level variations or wastage.

09 Storage & Shelf Life

Keep in a cool, well-ventilated area. For best results, use within **7 days of opening** to avoid possible spoilage.

For product expiry information, refer to the product packing.

10 Packaging

1 kg **5 kg** **10 kg**
20 kg **200 kg**

Before you start: always test on a small area first and allow a 24-hour cure to confirm ease of application and the desired finish.

11 Annotations

- Always mix with OPC.
- Use a good-quality brush, sponge, scrubber or white cotton cloth to avoid surface damage from discolouration.
- Clean the inner and outer surfaces of tools (spray pumps, water jets, mixers, grinders) to avoid damaging the surface and material.

12 Precautions & First Aid

⚠ **Wear protective clothing, gloves and eye goggles during application.** Avoid contact with eyes and skin. Keep out of reach of children. Not for internal consumption.

Handling

- Apply between 5 °C and 35 °C.
- Use only in well-ventilated areas.
- Wash hands thoroughly after applying.

Accident & Spillage

- Accident: use water spray.
- Spillage: take up mechanically or with absorbent material.

First Aid

- If swallowed, contact a physician.
- Skin: wash with water; remove contaminated clothing.
- Eyes: hold open, flood with water for at least 10 min and contact a physician.

13 Notes

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