

BONDING AGENT



BUTABOND SBR

Styrene butadiene latex waterproofing

Description

BUTABOND SBR is based on modified Styrene butadiene latex used for high performance applications in waterproofing and repairs. It is used for repairs of spelled concrete such as floors, columns, beams, chajjas, slabs & waterproofing of toilets & bathrooms & terraces. It bonds strongly to old & new concrete & plaster.

Advantages

- Prevents leakage & dampness
- It prevents cracking by improving flexural strength
- Reduces drying & aging shrinkage cracks
- Bonds strongly to concrete, masonry, stone work, plasters, steel, asphalt & most of the building materials
- Improves erosion resistance & prevents corrosion
- Improves abrasion resistance of cement mix
- Enhances strength of a repair mortar & provides durability

Uses

- Waterproofing of small roof terraces, sunken portions of toilet & bathrooms, chajjas & lift pits, balconies & stair cases
- Liquid & effluent tanks, car deck and walk ways
- Repairs of plaster cracks more than 5 mm & in gaps developed between masonry and RCC members
- Coating for prevention of corrosion over rebars
- Fixing or refixing of slip bricks, tiles, stones & marble bedding
- As bonding slurry coat for pin hole treatment on concrete surface & as repair mortar for overhead applications.
- As a bond coat plaster to plaster, concrete-to- old concrete, plaster to concrete masonry to stone work etc.

Technical Information

PROPERTIES	RESULTS
Appearance	Free Flowing Liquid
Color	Milky white
Sp. Gravity @30°C g/cm ³	1.02±0.01
Non volatile matter %	30 to 32
pH Value	7 to 9
Bond Strength	3 N/mm ²
Chemical Resistance	Resists mild Acids & Alkalis
Freeze thaw resistance	Excellent
Flexural Strength (BS 6019 part-3)	>9 N/mm ²
Compressive Strength (BS 6019 part-2)	>35 N/mm ²

Coverage

- For Bonding & waterproofing applications
1 kg of BUTABOND SBR will cover 70 - 80 sq. ft. area in 2 coats for a proportion mix 1: 1: 3 (BUTABOND SBR: Water: Cement).

Packaging

- BUTABOND SBR is supplied in 100,250 & 500 g, 1, 5, 10 & 20 liter.

Storage

- Minimum of 12 months shelf-life if kept under room temperature (i.e. 27°C).

Application temperature

- Clean the surface with wire brush or scrubber to remove hidden dirt, loose particles, laitance, & dust. Degrease the surface by using suitable solvents.
- Repair the concrete spalled portion by saw cutting the extreme edges of the repair location to a depth of at least 10 mm to avoid featheredging & to provide strong substrate. Clean the concrete surface to remove any contamination where breaking is not possible.
- Roughen the surface by light scabbling or grit blasting. Expose corroded rebars in the repairing area fully. Remove all loose scales corrosion deposits & immediately clean the surface.

Sr. No.	Area of Application	Mixed (BUTABOND SBR: Water: Cement)	Method of Application
1	As bond coat	1:1:3	Apply a coat of the mixed quantity of Butabond SBR. When coat is tacky than apply the plaster or concrete
2	As waterproofing coat	1:1:3	Brush apply the 1st coat. Apply 2nd coat after 1st coat is dry approximately 4- 6 hrs between two coats. Over lay the 2nd coat with screed/plaster for protection and finish.
3	Rebar coating	1:1:3	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	For 'salt petre' free plaster brick memory	1:1:3	Brush apply the 1st coat on brick. Apply 2nd coat after 1st coat is dry. When 2nd coat is tacky, place plaster as per instruction in no.
5	As waterproof plaster or / repair plaster	50 kg OPC Cement 150 kg Sand 1 kg Butabond SBR 20 ltr Water	Mix 1 kg of Butabond SBR 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 Butabond SBR as suggested earlier 2nd and final layer of plaster must not
			Add Plastcone AW+ to the second coat plaster. Take care to scratch-key the 1st coat surface for effective bond with the 2nd Bond coat over the 1st coat surface for effective bond with 2nd layer of plaster is must to be removed.

REDWOP CHEMICALS PVT. LTD.

Head office: 2nd Floor, Pearl plaza Complex, B/S GT Sheth School, Near KKV Hall, 150ft Ring Road, Rajkot- Pin.360005 Gujarat, India.

✉ info@redwop.net

🌐 www.redwop.net

☎ +91 97246 55551

☎ +91 281 2576664