

STARBOND BA SB 30 / BA SC 50 SBR Latex Bonding Agent & Admixture

These are SBR latex based waterproofing & bonding agent designed as an integral adhesive for slurry bond coats, mortars & concrete to improve bond strength & chemical resistance. Ideal for producing high abrasion resistant floors, for use in internal & external renderings flooring screeds and patch repairs. When dry the finished mortars / concrete show a vastly improved resistance to water.



Features

- ❖ Imparts improved bond / impact strength
- ❖ Increases mortar flexural & tensile strength.
- ❖ Improves mechanical strength of mortar, improves surface hardening
- ❖ Resists deicing salts, mild chemicals, acid & alkali
- ❖ Reduces the permeability of mortar

Benefits

- ❖ Excellent adhesion to most building substrates
- ❖ Increases overall structural durability
- ❖ Reduces cracking, limits wear & Ideal for rubber wheeled traffic
- ❖ Durable & Prevents concrete decay
- ❖ Finds use of waterproof sealing & lining of tanks

Uses: For general concrete repair & reconstruction work & water proofing. For making repair mortar for mending damaged spots in pre-cast concrete industry. For enabling strong & non permeable joints between old and new concrete when mixed with mortar. For fixing tiles, floor screeds and mosaic tiling. For repairing of cracks & sealing of porous surface and latex modified overlays. Useful where improvements in physical properties of Portland cement systems are required.

Method of Application

Mix with a drill and "jiffy" mixer for small & a paddle type mixer for large jobs. Prime all surfaces with product diluted 1:4 with water. As a bond coat apply one coat with this mixture and place / apply plaster or concrete as per need when still tacky.

As a waterproof coating	Mix material: Water @1:4 & add cement to the mixed liquid as per ratio 1:4:5	Brush apply and dry 1 st coat of above mixture & then apply 2 nd coat. Protect / finish with screed or plaster. For use in Water tanks / Chajjas / Terraces / DPC / Over sunken slabs in bathrooms.
As a anti-corrosive coating in rebar		Scrape rusted rebars thoroughly by mechanical means & apply a coat of prepared mix over rebars.
For use as a waterproof repair plaster	Mix 1 kg of material with requisite water for 50 kg of cement	Add mixture to the recommended dry plaster mix of 1:3 mortar (cement: sand) and apply 1 st layer. Keep water-cement ratio in Plaster as low as 0.4 but < 0.45. Lay the 2 nd and top layer of plaster without any addition
For use as a Crack Repair		Ideal for plaster cracks > 5 mm & in gaps developed between masonry & RCC members. Clean the cracks devoid of loose materials & wet it . Apply a bond coat. Then follow as per above. Fill & compact mixture into the crack fully and trowel finish to level

Placement: Discharge material from mixer and place onto floor. **Slurry Application:** Spread the slurry with a stiff bristle broom until the suggested coverage rate is achieved. **Topping Application:** For patching, spread with a trowel or square tipped shovel to a thickness that matches the surrounding concrete. Finish by hand trowelling. On large floor areas, use screed strips as guides in combination with vibratory screeding to level. **Finishing:** Finish the repair material to the desired texture by a broom or sponge float finish . Do not add additional water to the surface during the finishing operation.

Coverage : Approximate coverage ranges between 20-35 Sq ft per kg depending on the substrates /product grade