



# STARFIX BA-SC-50

(SBR Latex Based Bonding Admixture)

(CONFORMS TO ASTM C 631-70(1975), ASTM C 932-80, ANSI A 136.1(1976)

**BA-SC-50** is a carboxylated styrene butadiene co-polymer latex admixture that is designed as an integral adhesive for slurry bond coats, mortars and concrete to improve bond strength and chemical resistance.

## PRIMARY APPLICATION:

- Toppings, patches and leveling course.
- Thin Sets, terrazzo, stucco and bonding slurries.
- General reconstruction work and latex modified overlays.
- Bridge decks, highway and parking decks.

## FEATURES / BENEFITS:

- Improves bond Strengths and to hardened concrete
- Increases durability under freeze/thaw cycling.
- Resistant to deicing salts.
- Reduce cracking through increased mortar flexural strength.
- Increases mortar wear resistance under rubber wheeled traffic.
- Increases mortar tensile strength.

**BONDING:** For bonding toppings with this product, it is strongly recommended to use a slurry coat rather than using this product as a primer by itself.

After the surface has been prepared, prime all areas with a slurry coat before the topping is applied. Follow mixing and placing instructions

listed below. Place the topping on the slurry coat before it dries out.

**MIXING:** Small quantities may be mixed with a drill and "jiffy" mixer. Use a paddle type mortar mixer for large jobs. Add the appropriate amount of **BA-SC-50** for the batch size and then add the dry material. Mix a minimum of 3 minutes. The mixed product should be quickly transported to the repair area and placed immediately.

**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 come-along 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 is a broom or sponge float finish though mortars made with **BA-SC-50** can be steel. Do not add additional water to the surface during the finishing operation.

## CLEAN - UP:

Clean tools and equipment with water before the material hardens.

## PACKING:

**BA-SC-50** is available in 20 kg. jerry can, 200 kg. drum.



**HEALTH & SAFETY**

As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles should be worn.

**INHALATION:** Inhalation of vapor or mist should be avoided. If inhaled symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air, and, if needed immediately start artificial respiration. Give oxygen if breathing is labored. Get emergency medical help.

**EYE CONTACT:** Flush eyes with water for 15 minutes and call for medical help.

**INGESTION:** Causes nausea, vomiting, and loss of consciousness. If accidentally swallowed do not induce vomiting rather call for medical help immediately.

**SKIN CONTACT:** Flush with water or soap and water until all traces have been removed. Seek medical attention if required.

Typical Engineering Data - Physical Properties of  
BA-SC-50

Ph as supplied	10 – 11
Color	White

Typical mix design and test results  
Suggested Mortar Mix Design :

Type I Portland	42.6 kg.
Sand	136 kg.
BA-SC- 50	7.66 kg.
Water	11.4 ltr.

All concrete must possess an open surface texture with all curing compound and sealers removed. All areas should be pre-wetted to reduce moisture loss. Do not place product on standing water.

**WARRANTY**

*The information given is based on our knowledge and performance of the material. Every precaution is taken in the manufacture of the product and responsibility is limited to the quality of supplies with no guarantee of results in the field, as manufacturer has no control over site conditions or execution of work.*

**Star Adhesive & Resin Ind. Factory**

