



STARFIX BA-SC-30

(Acrylic Bonding Admixture)

DESCRIPTION

STARFIX BA-SC-30 is an aqueous dispersion of Acrylic Co-Polymer, specifically designed for modified Portland cement compositions. Mortar modified with **BA-SC-30** has improved physical strength, and superior adhesion to old concrete, masonry, brick, and many other surfaces. The dispersion contains an anionic emulsifier system and is free from film forming aids, solvents and plasticizers.

PRIMARY APPLICATION

- Toppings, patches and leveling course.
- Thin Sets, terrazzo, stucco and bonding slurries.
- Repairs utilizing spray or fill coats.
- Heavy duty floors and high strength of concrete bonding.
- Repairs to pre-cast structural members.
- Architectural panels, bridge decks and high-way repairs.
- Resistance to mild chemicals, grease, alkaline and acid.

FEATURES / BENEFITS

- Easy to use.
- Improves bond Strength.
- Increases durability under freeze/thaw cycling.
- Reduce cracking through increased mortar flexural strength.
- Increases mortar wear resistance under rubber wheeled traffic.
- Repair mortar offers greater impact resistance.
- Due to low permeability it can be used for waterproof sealing and lining of tanks etc.

BONDING

It can be used undiluted or diluted with soft water. It depends on applications and site conditions.

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-30** 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.



MORTOR DESIGN

Mix 30% **BA-SC-30** of Portland cement or OPC/SRC.

COVERAGE

1-2 kg per sqm. Equivalent to 0.3 – 0.4 liters of **BA-SC-30/m²**

Topping Application

For patching, spread with a trowel or square tipped shovel to a thickness that matches the surrounding concrete. Finish by hand troweling. On large floor areas, use screed strips as guides in combination with vibratory screeding to level. Compact and Finish by hand or machine trowel.

Finishing

Finish the repair material to the desired texture is a broom or sponge float finish though mortars made with **BA-SC-30** can be steel troweled. Do not add additional water to the surface during the finishing operation.

CLEANING

Clean tools and equipment with water before the material hardens.

PACKING

STARFIX SC - 30 is available in 20 kg. jerry can, 200 kg. metal 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.

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