SBR Admixture
Concrete Repair and Bonding Agent

Description

SBR Admixture is an aqueous dispersion of very fine styrene-butadiene copolymers. It is modified with a cement emulsion stabilizer and a defoamer. It also incorporates with surfactant and setting/hardening-controlling agent.

SBR Admixture is used as a bonding aid and mortar additives for improving cement mortar and cementitious slurry bonding in the fixing of ceramic tiles and concrete.

Uses

SBR Admixture is a bonding agent for patching concrete repair system. It may also use as bonding agent for concrete and cement/ sand mortar. It is uses for:

- High strength floor screeds
- Patching and repair mortar
- Thin section screeds
- As a bonding bridge for renders and waterproofing
- Waterproof renders screeds

Advantages

- Adhesion improved
- Flexural strength improved
- Tensile strength increased
- Water impermeability reduced
- Shrinkage reduced
- Non corrosive to steel
- Increased abrasion resistance

Standards Compliance

- BS 6319 Part 2 : 1983
- BS 6319 Part 3
- ASTM C190

Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>White Liquid</td>
</tr>
<tr>
<td>Density</td>
<td>1.0 - 0.05 g/ml</td>
</tr>
<tr>
<td>Solid Content</td>
<td>20 ± 1.0 %</td>
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<tr>
<td>pH</td>
<td>6.5 - 7.5</td>
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Application Instructions

Surface Preparation

The surface must be free of all oil, grease, existing sealers or other contaminants. All loose material should be removed and a key provided using a scrabbling machine or enclosed grit blaster. The surface should be well soaked with water prior to application of the bonding agent. Do not allow ponded water to remain on substrate.

Mixing

Tiling: Mix 10L of SBR Admixture to 50kg of cement, 125kg of sand and 7L clean water to achieve a workability mortar mix to use for laying floor of wall tiles.

Primer: Mix 1 part of SBR Admixture with 1 part of cement and 1 part of sand by weight as a primer coat for building board, slurry bonding coat, damp resistant layer and use as patch repair etc.

Curing

SBR Admixture mixed mortar will be cured immediately after finishing in common with other cementitious materials.

Cleaning

SBR Admixture should be removed from tools, equipments and mixers with clean water immediately after used. Cured material can only be removed mechanically.
Packing & Size

| SBR Admixture | 18L | 5L |

Technical Support

Easy-Fix Technical Service Department is available to assist you in the correct use of our products.

Storage

The product’s shelf life is up to 12 months. It should be kept in cool dry conditions in the origin and unopened packaging.

Precaution

SBR Admixture should not be swallowed or allowed to come into contact with skin and eyes. Wear suitable protective gloves and eye/face protection. Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately - DO NOT induce vomiting.

Important Notes:

This information in this catalogue is provided to the best of our knowledge from results gathered both internal and external credited laboratories. However, we have no control over site applications, site conditions and workmanship of the applicator. We therefore will not accept any liability, either directly or indirectly arising from the misuse of these products or when the product is used not in accordance with any advice, specification, and recommendation of information given by us, the user is responsible for checking the suitability of these products for its intended use.

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