



# FAIRCRETE<sup>™</sup> SBR

## MORTAR AND SCREED MODIFIER CUM BONDING AGENT

### BENEFITS

- It is multipurpose & economical product
- Easy to use
- It prevents cracking by improving flexural strength
- It reduces drying shrinkage cracks
- It bonds strongly to concrete, masonry and plaster surfaces
- Improved chemical resistance
- Non-corrosive
- 

### DESCRIPTION

**FAIRCRETE SBR** is based on styrene butadiene latex supplied as ready to use bonding agent in liquid consistency. It is used for repair of spalled concrete & as waterproofing. It reduces shrinkage and prevents cracking.

### USES

**FAIRCRETE SBR** can be used as a

- Bonding agent – As a bonding agent for uses in repair and plastering
- Waterproofing – Small roof terraces, sunken slabs, chajja, balconies, etc
- Concrete repair- For making polymer mortar for repairs mortars etc
- For cladding – Fixing or refixing of slip bricks, tiles, etc.
- As bonding slurry coat for pinhole treatment on concrete surface

### TYPICAL PROPERTIES

<b>Form</b>	: Liquid
<b>Color</b>	: Milky white
<b>Type</b>	: Styrene Butadiene Rubber latex
<b>Density</b>	: ~ 1.01
<b>pH value</b>	: 7-8

### APPLICATION

#### Surface preparation:

- Prepare a good clean substrate for bonding by removing all loose material. All substrates should be cleaned and free of dust, plaster, oil, paint, grease.
- Repair the spalled concrete 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 bond.

- Clean the concrete surface to remove any contamination where breaking is not possible. Roughen the surface by light scrubbing or grit blasting.
- For priming of concrete substrate, the surface should be thoroughly saturated with potable water. Remove any excess of water prior to application.

#### Application:

##### WATERPROOFING COATING:

For a waterproofing coating Mix **FAIRCRETE SBR**: Cement in the ratio 1:1.5 by volume.

Mix for 2-3 minutes to avoid air entrapment. Keep on slowly adding cement to **FAIRCRETE SBR** until the required consistency is achieved. Apply 2 coats of the mix in span of 4-6 hrs to the prepared substrate.

Overlay the coating with a protective screed upto desired thickness.

##### BONDING PRIMER:

For bonding primer coat mix **FAIRCRETE SBR**: cement in the ratio of 1:1 by volume. Apply 1-2 coats with brush on prepared concrete substrate. Ensure to overlay the repair mortar when the bond coat is still tacky.

##### REPAIR MORTAR & RENDERS:

Make a suitable mixing for patching repair mortar as:

Portland cement: 50 kg

Washed sand : 125 kg

Water: 7 ltr

**FAIRCRETE SBR**: 10 ltr

Use slow speed mechanical mixer for homogenous mixing of repair mortar. Hand mixing is permissible only for small quantity. Apply it at the thickness of 5-25 mm.

##### FLOOR SCREEDS & PCC :

Portland cement: 50 kg

Washed sand : 75 kg

6 mm down aggregates: 75 kg

Water: 7 ltr

**FAIRCRETE SBR**: 10 ltr

Charge the mixer with required quantity of clean & dry sand(or coarse aggregates as needed), cement & mix for 1-2 minutes, then add the recommended dosage of **FAIRCRETE SBR** dispensed in water which is pre-batched. Mix for 2-3 minutes to avoid air entrapment. Keep on slowly adding water until the required consistency is achieved.

Cleaning: Brushes & other equipment may be washed immediately after use with water.

# FAIRCRETE™ SBR



## PACKING

FAIRCRETE SBR is supplied in 1,5,10,20,100 and 200 litre packing.

## DOSAGE & COVERAGE

	DOSAGE	COVERAGE
As a waterproofing coating	FAIRCRETE SBR : Cement = 1:1.5	2.0 m <sup>2</sup> /kg in 2 coats
As a repair mortar	15-20% of FAIRCRETE SBR by weight of cement	10 litre of FAIRCRETE SBR per 50 kg of cement
As a bonding agent	FAIRCRETE SBR: Cement = 1:1	4.5 m <sup>2</sup> /kg per coat

## SHELF LIFE AND STORAGE

FAIRCRETE SBR will have a shelf life of **12 months** in unopened containers when kept in dry conditions at a temperature between 5°C to 35°C. Material must be kept under shaded area and away from direct sunlight. Storage at higher temperature or high humidity may reduce shelf life.

## QUALITY ASSURANCE

Fairmate manufactures entire range of construction chemicals under compliance of ISO 9001, ISO 14001 & ISO 45001 (Occupational Health and Safety) certified by ISOQAR/UK.

## TECHNICAL SERVICES

While new advances and changes will take place but one thing will never change is quality and meeting special needs of our customers. Our laboratory in Baroda and technical personnel & experts are available to provide additional information and technical assistance. We are eager to work with you in development of new product and resolve your problem.

## OUR RANGE OF PRODUCTS

<b>CONCRETE ADMIXTURES</b> <b>WATERPROOFING SYSTEMS</b> <b>ENGINEERING GROUTS</b> <b>INDUSTRIAL FLOOR SURFACES</b>	<b>CONCRETE REPAIRS</b> <b>SURFACE TREATMENT</b> <b>PREPACKED CONCRETE MORTAR</b> <b>PROTECTIVE COATING</b>	<b>HIGHWAY REPAIR</b> <b>LIQUID FLOOR</b> <b>WALL FINISHING SYSTEM</b>
---	--	--

"Contact us to discuss any potential requirement and you will be assured of a rapid and effective response - that's guarantee !!"



**Corporate Office**  
8, "SAI SUDHA",  
Arunoday Society, Alkapuri  
Vadodara 390 007. Gujarat, India

In technical collaboration with RBP Ltd. UK  
Always Better than best in Quality, Service & Value

+91 265 2330803, 2331193  
+91 265 2358173

**1800 12345 34** (Toll Free)

sales@fairmate.com

www.fairmate.com



### International Manufacturing Hubs :

BANGLADESH ESTONIA INDONESIA KENYA MYANMAR MALAYSIA NEPAL QATAR RUSSIA SRI LANKA USA VENEZUELA

The information given in this data sheet is based on both the current development work and many years of field experience. Whilst every effort is made to ensure that the information is reliable, we cannot accept the responsibility for any work carried out with our materials as we have no control over methods of application, site conditions etc. The user of the product must test the product's suitability for the intended application and purpose. In view of the continuing research and development being undertaken in our laboratories, Fairmate reserves the right to change the properties of its products. We advise customers in their own interest to ensure that this data sheet has not been superseded by a more up-to-date publication. All products are sold subjected to our standard conditions of sale which are available on request. Field services, where provided, does not constitute supervisory responsibility. For additional information, please contact our local FAIRMATE representative.