



FAIRCRETE[™] SB(L)

ACRYLIC EMULSION CEMENT MODIFIER AND CONCRETE BONDING AGENT

BENEFITS

- Early strength gain.
- Improves flexibility.
- Increases tensile strength.
- Reduces shrinkage.
- Prevents bleeding.
- Lower water cement ratio.
- Increases durability and toughness.
- High resistance to water penetration.
- Good abrasion resistance.
- Good frost resistance and resistance to salt permeation.
- Good resistance to many chemicals as well as mineral oil.
- Excellent adhesion to steel and concrete.
- Sticks well to brick, glass, asphalt, wood, expanded polystyrene and most building materials.
- Prolonged corrosion protection.
- Proven performance.
- Similar thermal expansion and modulus properties to concrete (unlike resin mortars and primers).
- More user friendly & Non-toxic.
- Can be used with potable water.

USES

FAIRCRETE SB (L) is used for bonding concrete repair, Floor screeds and toppings, renders and mortars, fixing brick slips and tiles, protection of steel from corrosion. Also used to give good bonding strength between steel and cement.

DESCRIPTION

FAIRCRETE SB (L) is a highly specialized acrylic copolymeric compound designed for use with cement compositions. It is used in mortar and concrete as an admixture to increase resistance to ingress of moisture/water, wear resistance and durable material. It is used with cement as a reliable water-resistant bonding agent. It can be used as a recommended primer for concrete repair systems.

TYPICAL PROPERTIES

Compressive Strength	: Up to 60 N/mm ² depending on cement used and workability
Tensile Strength	: Up to 5.0 N/mm ² depending on cement used and workability
Flexural Strength	: Up to 10 N/mm ² depending on cement used and workability
Freeze Thaw Resistance	: Excellent
Water Vapor Permeability	: Less than 4 gm/m ² /24hr., Through 11 mm thick test piece
Adhesion	: Excellent to concrete, steel, brick etc.
Chemical Resistance	: Resists mild acids, alkalies, sulphates, chlorides, urine, dung, lactic acid, sugar, etc. ;
Shrinkage During Cure Chloride/Sulphate Nitrate/Thiosulphate Content	: 0.01% to 0.02%. : Nil.

APPLICATION

Surface Preparation : All surface to be treated must be sound and free from dust, dirt, oil, greases and other contaminants. All surfaces should be thoroughly washed with clean water & allowed to dry.

Application : **FAIRCRETE SB(L)** is a ready to use bonding agent and is simply applied by dry brush on the surface.

FAIRCRETE SB(L) can be used with cement in the ratio of 1:2 and can be mixed in guaging water of cement mortar for making the surface waterproof. Also, it increases the bonding ability of mortar.

DOSAGE & COVERAGE

FAIRCRETE SB (L) can be supplied with a dosage of 200ml / 50kg bag of cement as regard to concrete repairs.

FAIRCRETE SB (L) has a coverage of approx 6-8m²/ltr. depending on substrate for waterproofing.

PACKING

FAIRCRETE SB (L) is supplied in 200ml, 1 ltr., 5 ltr., 10 ltr. 50ltr. and 100 ltr. Containers.

FAIRCRETE™ SB(L)



SHELF LIFE & STORAGE

FAIRCRETE SB (L) will have a shelf life of **36 months** in unopened containers when kept in dry conditions at a temperature between 5°C to 45°C. Storage at higher temperature or high humidity may reduce shelf life.

SPECIFICATION

FAIRCRETE SB(L) is based on liquid polymer containing additives with a dosage of 200ml per 50kg of cement as regards to concrete repair with a coverage of approximately 6-8m² per litre, used strictly in accordance with the instruction of FAIRMATE.

QUALITY ASSURANCE

Fairmate manufactures entire range of construction chemicals under compliance of ISO 9001, ISO (EMS) 14001 & OHSAS 18001 (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

CONCRETE ADMIXTURES WATERPROOFING SYSTEMS ENGINEERING GROUTS INDUSTRIAL FLOOR SURFACES	CONCRETE REPAIRS SURFACE TREATMENT PREPACKED CONCRETE MORTAR PROTECTIVE COATING	HIGHWAY REPAIR LIQUID FLOOR WALL FINISHING SYSTEM
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"Contact us to discuss any potential requirement and you will be assured of a rapid and effective response - that's guarantee !!"



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