

SBR SUPER LATEX

For Waterproofing & Repairs

DESCRIPTION

SBR Super Latex for waterproofing & repairs is a high degree styrene butadiene copolymer latex which is specially modified to be compatible with cement based mixes. It enhances mechanical properties such as adhesion, flexibility, compression and impact strength of concrete and improves the thin section fragility of cement when used as coating. It Conforms to BS 6319 part 2:1983, ASTM C-190-85 and ASTM 881.

ADVANTAGES

- Is suitable for use in damp situation.
- Improves high water resistance to the mix.
- Improves adhesion and flexibility.
- Improves workability.
- Allows thinner section and reduction in water content.
- Reduces cracking.
- Improves chemical and abrasion resistance.

TYPICAL APPLICATION

- Helps floors to get high abrasion resistance.
- Waterproofing of building terraces, toilets, basements.
- Recommended for use in effluent tanks, dairies, food factories, fertilizer stores etc.
- Waterproofing of water tanks and swimming pools.
- Renovation and protection of concrete against corrosion and salt.
- Patching and bonding on to background of low suction and repairing of concrete and masonry wall - internal, external and terraces by cement mortar.

TYPICAL CHARACTERISTICS

Solids : 42 ± 2 %

Colour : Fluorescent milky emulsion.

Consistency : Free flowing

Shelf Life : 24 Months from date of manufacturing



MIXING RATIOS

	Cements		Super Latex		Water	
A) For Bonding Coat	:	5	:	1	:	2.5 parts by volume
B) For Passivator Coat	:	5	:	1	:	2.5 parts by volume
C) For Repairing	:	1	:	1	:	0
D) For Mortars	:	10% by weight of cement quantity				
E) For Flooring Screeds	:	10% by weight of cement quantity				

DESCRIPTION

Initial Setting Time	:	24 Hours
Initial Curing Time	:	72 Hours with moist cloth or water spray
Complete Curing time	:	28 Days under water immersion
Finish of the surface	:	Smooth
Coverage as bonding Coat/passivator Coat	:	First Coat 6-7 sq-mt/1 Lit. SBR Second coat 7-8 sq-mt/1 Lit. SBR
Bond strength	:	5 N/sq mm
Chemical resistance	:	resist mild acids & alkalies
pH	:	8 ± 1
Specific gravity(Kg/ltr)	:	1.02 ± 0.02 (@30°c)

DIRECTION FOR USE

SURFACE PREPARATION

The Surface must be free from dust, loose particles, oils, grease, mould releasing agents, fungus, moss and coating. Clean the surface by scrapping / sand blasting/ grinding to remove dust, loose particles, fungus and moss whereas solvents can be used for removing coating, oils, greases and mould releasing agents. Surface of high suction should be thoroughly dampened before application of bonding coat.

BONDING COAT AND PASSIVATOR COAT APPLICATION

The use of bonding coat and passivator coat is recommended to improve the anti- corrosive properties of steel surface/structure and adhesion of cement based mixes on the surface of low suction and also a pretreatment before applying the SBR modified mix, bonding coat should be still wet before application of any mortar mix.

MORTAR APPLICATION.

(Renderings, patching, bedding and damp proofing mix) For rendering, patching and bedding mix two coat of bonding slurry is recommended for application of first coat apply second coat at right angles to the first. Apply mortar while the second coat of bonding slurry is still wet to get good adhesion between old & new concrete. In bedding mixes apply bonding slurry on both the substrate. For damproofing, three coat of bonding slurry is recommended. Give at least 48 hours between second coat and third coat of bonding slurry.

FLOORING APPLICATION

For flooring, the base should be thoroughly prepared and treated with the two coats of bonding slurry. The materials should be mixed to a semi dry consistency and applied into wet bonding slurry at a thickness of 25 mm. For floor greater than 25 mm, reduce the SBR content and add the extra water to produce a semi dry Mix.

CLEANING OF TOOLS AND EQUIPMENTS

Tools and equipments can be easily cleaned with water.

PACKING

200 ml, 500 ml, 1 Ltr, 5 Ltr, 10 Ltr, 20 Ltr, 50 Ltr, 100 Ltr and 210 Ltr.

SAFETY PRECAUTIONS

In case of accidental ingestion, seek medical advice.

TECHNICAL INFORMATION & SERVICES

Further information and advice including practical demonstration are freely available from the technical service department of Cemseal Industries Ltd.

NOTE

- Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local Cemseal representative.
- Cemseal reserves the right to have the true cause of any difficulty determined by accepted test methods.

Address

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