SUPER S2
Build Your Dreams

SUPER S2

for waterproofing and repair

OUR PRODUCTS

- SBR latex
- Extra Bond SBR Latex
- PCE Based Supers2 Plasticizer
- Wall Proof Paint
- Supermicro M60 [bag]

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+91 88500-03020

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SUPER S2

SBR latex for Waterproofing and Repair

Super S2 is milky white emulsion of SBR latex, Used for Repair mortar for RCC sections, waterproofing coating and tile fixing. Manufacturing process involves emulsion polymerization ensuring product consistency.

- Provides excellent water resistant
- Offers Good Workability at reduced water / cement ratio
- Provides protective layers for Steel.
- Improved Toughness and Flexibility
- Mixes can be applied in small sections too.
- Excellent bonding between new and old surface area
- Provides abrasion resistance of flooring

Area of Application

All waterproofing and repair of mortar/concrete, waterproofing of roof surface, leakage portions.

Advantages

- Provides excellent water resistant
- Offers Good Workability at reduced water / cement ratio
- Provides protective layers for Steel.
- Improved Toughness and Flexibility
- Mixes can be applied in small sections too.
- Excellent bonding between new and old surface area
- Provides abrasion resistance of flooring

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Application Method

RCC Repair

Surface Preparation

1. All Substrate should be clean and free from of dust, laitance, plaster oil, paint, corrosion deposit, and any other deleterious material.

2. Corroded reinforcing steel should be exposed around its full circumstances, Mechanically clean reinforcing steel to remove all corrosion products. Wash reinforcing steel clean water and allow drying. It is always preferable to clean the steel to a bright condition. Use of emery cloth, grit or sand blasting is recommended.

Application

1. Apply a primer coat prepared by mixing 1 part of Super S2, 1 part of water and 2.5 parts of cement ratio over freshly cleaned and dry reinforcing steel.

2. While primer is wet, carefully apply and compact Super S2 mix prepared as per the following proportions at a thickness up to 10-20 mm. built up the required thickness in subsequent layers of 15-20 mm each over the final coat. Final layer can be finished with trowel to get the smooth finish.

CEMENT	50 KGS
SAND	150 KGS
SUPER S2	10 KGS
WATER	SUFFICIENT WATER TO MAKE HOMOGENEOUS MASS

Bonding Agent

Surface Preparation	Application
1.Surface to which Super S2 mixes are to applied should be clean, should be clean, sound and free of deleterious materials. All grease oil, debris, paint and unsound concrete must be removed. 2. The surface must be prepared mechanically using wire brush or shot blaster. All loose particles clean by vaccum. 3. Allow the concrete surface to dry. Do not place bond coat on excess/ lot of water.	1.Mix Super S2 latex and cement in the ratio of 1.0 : 1.5 by weight to get a smooth brushable coat. Prepared paste use as a bonding material 2. After making of paste immediately apply single coat with brush. Allow this coat to become tacky and then apply fresh concrete or mortar. 3. Avoid the apply coat do not dried up completely, if dried apply second coat.

Waterproofing

Surface Preparation	Application
1.For Waterproofing of existing slab, the mother concrete slab must be stripped off its old treatment completely. With the help of tools to prepare the surface and vaccum suck to obtain clean and debris, loose particle free surface. 2. Mother /old slab must be sound surface prepared or grouted for internal cracks. 3. Surface cracks must be suitable treated with polymer modified Mortar. 4.The slab must be wetted with water, take care and do not apply excess water or no standing water before application treatment.	1.Mix Super S2 latex and Cement in the ratio of 1.0 : 1.5 by weight to get a smooth creamy paste. Apply first coat when the surface is in touch to dry condition and allow it to dry for 3- 5 hours. 2. Apply second coat at perpendicular to first coat with same latex cement ratio then allow the film to air cure at least for 48-72 hours. 3. For horizontal application / ground level application, 15-20 mm cement sand mortar screed in 1: 3 shall be laid over this coating, which protect the film from damage and allow further work..

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Application Method

Surface Preparation

1. Remove all oil, grease, dirt, debris and loose material by using tools like chisel, wire brush, scrapper, sand blaster etc.

2. Leakage floor area profiling is necessary. Cut the floor in rectangle or square shape have some sufficient depth for filling, depth of area should be 10-12 mm. the cutting edges should be right angles.

3. Pre wet the surface with water of saturated surface dry, ensure that there is no excess water.

Application

1. Mix Super S2 with cement in 1.0 to 1.5 proportions by weight

2. Brush applies single coat immediately over the cementitious surface.

3.Allow this coat to become tacky and then apply fresh concrete or mortar immediately. Avoid the bond coat to dry up completely. However, in case of completely drying apply second coat.

4. Allow final coat to set for 24 hours and cure with sprinkle water for 2-3 days.

CEMENT	50 KGS
SAND	150 KGS
SUPER S2	10 KGS
WATER	SUFFICIENT TO ATTAIN HOMOGENOUS MASS

Coverage

Application Area	Coverage
Bond Coat	50-55 Sq Ft per kgs for single coat
Waterproofing Coat	25-30 Sq Ft per kgs for Double coat
Repair Coat	8-10 Sq Ft per Kgs for 10-12 mm thick

TECHNICAL INFORMATION

Appearance	Milky White Liquid
Solid Content % by wt	42 % + 1%
pH at@ 250C	7.5 to 9
Brookfield Viscosity at 250C	30 max
Specific Gravity	1.02 + 0.2
Storage	Store between 5-40 0C , keep container closed when not in use, protect from direct sunlight and freezing.
Shell life	18 months

APPLICATION PROPERTIES

Pot Life (1.0 : 1.5)	1 to 2 hours
Adhesion	Excellent
Permeability to water (as per IS)	Passes

PACKING : Available in 1, 5, 20, 50 & 200 kgs

PRECAUTIONS :

- Always use a fresh cement and sharp clean, well-graded aggregates.
- It is used with OPC/ PPC grade cement.
- Always add cement into Latex and do not add latex in cement.
- Do not apply coating over loose and debond surface.
- Do not use hard water for mixing with polymer/ cement.

HEALTH AND SAFETY :

- Keep out of reach of children, Keep in cool and dry place.
- If in contact with eyes, rinse with plenty of water and consult with medical professional.
- If irritation develops when contact with skin, wash immediately with plenty of water and soap