

D+SBR 110 LATEX

SBR Latex For Waterproofing & Repairs



DESCRIPTION

D+SBR110 Latex is a waterproofing and bonding agent containing styrene butadiene latex. It improves abrasion, erosion resistance, reduces water penetration and prevents shrinkage cracks. It bonds strongly to old, new concrete and the plasters.

Specification

Meets the requirements of BS 6319 part 2:1983 & ASTM C 190-85 standards.

Areas of Application

- Waterproofing of various building portions prone to water leakage like terrace, bathroom & toilet
- Repairs of spalled plasters and concrete
- Fixing of tiles, natural stones and marble bedding
- As a bond coat for new plaster/concrete on old one
- Pinhole treatment (by slurry) on concrete surface

Method of Application

SURFACE PREPARATION

- Clean the surface with wire brush or scrubber to remove dirt, loose particles, Degrease the surface. 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 clean water. Remove any excess of water prior to application.

TECHNICAL SPECIFICATION

TECHNICAL PROPERTIES: (Typical Values)			
Appearance / colour	Milky White Liquid, clear & Transparent	PH	8 – 9
Specific Gravity	1.01 ± 0.02 gm /ml	Coverage*	23 – 26 sq. ft. per kg in 2 coats for the mix ratio 1:1.5 (D+ SBR 110 : Cement), DFT about 100 – 125 microns.
Solid Content % By Mass @ 120°C	30.0 ± 1 %	Shelf Life	18 months from the date of manufacturing in company pack

Packing Size

D+ SBR 110 latex is available in 0.5 kg, 1 kg, 5 kg, 10 kg, 20 kg & 50 kg pack size.

Application Instruction

PRE-TREATMENT Remove dust, loose particles etc. and contaminants like oil/grease using wire brush and water jet. Vacuum clean the surface and dampen it. Break the weak portion of concrete surface at and near the area of repair. Roughen the surface mechanically and dampen the surface with clean water. Remove corrosion deposit, clean the surface of exposed rebars. Before application ensure that the surface is damp but in a touch dry condition.

HEAD OFFICE:

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MIXING TABLE Prepare the slurry coat as per below Mixing table for different application.

SR NO.	APPLICATION	RATIO	THICKNESS
1	Waterproofing coats	1 : 1.5 (D+ SBR 110-1 kg : Water-1.5 kg)	2 coats by Brush application
2	Concrete surface priming coat	1: 1: 3(D+ SBR 110 : Water : Cement)	1 coats
3	Waterproof plaster/ Repair Mortar	Cement (50 KG) : Clean sand (150 KG) : Water (10 Ltr.) : D+ SBR 110 (8-9 KG)	6-40 mm
4	Floor Screed / PCC	Cement (50 KG) : Clean sand (75 KG) 3-6 mm Coarse : Aggregates (75 KG) : Water(6 Ltr.) : SBR 110 (8-9 KG)	10- 40 mm
5	Bond Coat	1 : 1 (D+SBR 110 : Cement)	1 coat
6	Pinhole Treatment	Cement (50 KG) : Water (5 Ltr.): D+SBR 110 (5 KG)	-

WATERPROOFING COATING Prepare the slurry coat as indicated in the Mixing table. While making slurry, always add cement to D+ SBR 110 slowly with constant stirring. Mix in suitable size container using a high speed electric drill machine with spiral paddle at 400 to 500 rpm speed. Apply 2 coats of this homogeneous slurry in parallel and perpendicular direction by brush. 2nd coat is to be applied at least 4-6 hours after the 1st coat dried. Overlay screed/plaster of desired thickness for protection.

BONDING COAT Prepare the slurry coat as indicated in the Mixing table. Apply plaster/concrete when the coat becomes tacky.

REPAIR MORTARS & RENDERS Prepare the slurry coat as indicated in the Mixing table.

CONCRETE SURFACE PRIMING COAT Prepare the slurry coat as indicated in the Mixing table.

This coat is applied prior to 2 regular waterproofing coats if the concrete surface is rough or still not sound.

CLEANING OF TOOLS Clean all tools and application equipment with water immediately after use. Hardened / cured material can only be removed mechanically.

LIMITATIONS Avoid application in direct sun and strong wind. Apply only to sound, prepared substrates. Do not exceed maximum layer of thickness. For waterproofing or damp proofing application, always use at least 2 coats. In areas of severe water penetration, 3 coats might be required. Protect freshly applied material from rain etc.

Health and Safety Precautions:

Protective clothing such as gloves, dust mask and goggles should be worn. Treat any contact to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting but call for medical assistance immediately.

Condition of Sale

Sold subject to the Company's conditions of sale which are available on request.

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NOTE The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our Company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.

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