



TECHNICAL DATASHEET 501 SBR LATEX

DESCRIPTION:

NeoSeal[®] 501 SBR Latex is a waterproofing and bonding agent containing styrene butadiene latex. It improves abrasion, erosion resistance and prevents shrinkage cracks.

APPLICATION:

- Waterproofing of various building portions prone to water leakage especially 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

DIRECTIONS FOR USE:

- 1. Surface preparation:** Remove dust, loose particles etc. and contaminants like oil/grease using wire brush and water jet. Vacuum clean the surface and dampen the surface. 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 (Apply bond coat of NeoSeal[®] 502)
- 2. Waterproof coating:** While making slurry, always add cement to NeoSeal[®] 501 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. 2nd coat is to be applied at least 4 hours after the 1st coat. Overlay screed/plaster of desired thickness for protection.
- 3. Bond Coat:** Apply plaster/concrete when the coat becomes tacky.
- 4. Concrete surface priming coat:** This coat is applied prior to 2 regular waterproofing coats if the concrete surface is rough or still not sound.

MIX DESIGN:

SR NO.	APPLICATION	RATIO / COMPOSITION	THICKNESS
1.	Waterproofing coats	1 : 1.5 (NeoSeal 501 - 1 KG : OPC - 1.5 KG)	2 coats
2.	Concrete surface priming coat	1 : 1 : 3 (NeoSeal 501 : Water : OPC)	1 coat
3.	Repair Mortar	OPC- 50 KG, Clean sand - 150 KG, Water - 10 Liter, NeoSeal 501 - 8-9 KG	6 - 40 mm
4.	Floor Screed / PCC	OPC - 50 KG, Clean sand - 75 KG, 3-6 mm Coarse Aggregates - 75 KG, Water- 6 Litre, NeoSeal 501 - 8-9 KG	10 - 40 mm
5.	Bond Coat	1 : 1 (NeoSeal 501 : OPC)	1 coat
6.	Pinhole Treatment	OPC- 50 KG, Water- 5 Litre, NeoSeal 501- 5 KG	-

NeoSeal Adhesive Pvt. Ltd.



TECHNICAL INFORMATION:

PROPERTIES	RESULTS
Nature	Milky White Liquid
Type	Styrene Butadiene Latex
Solid Content @ 105 ^o C	37 ± 2%
pH value	9 - 11
Sp gravity at 27 ^o C	1.02 ± 0.02 gm/ml
7 days compressive strength	14 N/mm ²
Coverage as waterproofing coats	23 to 26 sq. ft per Kg in 2 coats for the mix ratio 1 : 1.5 (NeoSeal 501 : OPC)

COVERAGE: 23 – 26 sq. ft. per kg in 2 coats for the mix ratio 1:1.5 (NeoSeal 501 : OPC), DFT about 100 – 125 microns.

PACKING SIZE: 200gm, 500gm, 1kg, 5kg, 10kg, 20kg & 50kg.

SHELF LIFE AND STORAGE: Best before 18 months from the manufacturing date when in sealed pack and stored under proper condition. Store in a cool and dry place in closed condition and away from direct sunlight.

PRECAUTIONS AND LIMITATIONS: Follow recommended dosage strictly. Add water if needed in repair mortar in hot temperature conditions to compensate for evaporation loss.

HEALTH AND SAFETY PRECAUTIONS: Wear suitable protective clothing, gloves, eye protection and respiratory protective equipment during mixing and application. In case of contact with skin, rinse with plenty of clean water and then cleanse with soap water. In case of contact with eyes, immediately rinse with plenty of clean water and seek medical advice.

NeoSeal Adhesive Pvt. Ltd.

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