

Eco-Friendly SBR Latex for sustainable repair & waterproofing solutions.

DESCRIPTION

Du-Bond Super Latex is based on modified Styrene-butadiene latex used for high-performance applications in waterproofing and repairs. It is used for repairs of spalled concrete such as - floors, columns, beams, slabs & waterproofing of toilets, bathrooms & terraces. It bonds strongly to old & new concrete & plaster. Reduces shrinkage and cracking of the mix.

RECOMMENDED USE

- **As bond coat** - Plaster to plaster, concrete-to-concrete, plaster to concrete masonry to stonework, and plastering over brick masonry. Bonding coat & mortar for tiles & panels, underlays for special finishes such as top rendering coat for chemical resistant floors.
- **As waterproofing** – Waterproofing of small roof terraces, sunken portions of toilet & bathrooms & lift pits, balconies & staircase cases. waterproofing of liquid & effluent tanks, car deck, and walkways.
- **As crack repair** - Repairs plaster cracks more than 5 mm & gaps developed between masonry and RCC members.
- **As rebar coating** – Coating for prevention of corrosion over rebars.
- For Cladding – Fixing or refixing of slip bricks, tiles, stones & marble bedding.
- **As external rendering** – Weatherproof & frost resistant render, high wear & erosion resistant render. As bonding slurry coat for pinhole treatment on concrete surfaces & as repair mortar for overhead applications.

ADVANTAGES

- **Multipurpose** – It is multipurpose & economical product, easy to use
- **Cracking** – It prevents cracking by improving flexural strength
- **Hardness** – Improves the hardness & prevents dust generation
- **Shrinkage** – Reduces drying & aging shrinkage cracks
- **Bonding** – Bonds strongly to concrete, masonry, stone work, plasters, steel, asphalt & most of the building materials.
- **Erosion & corrosion** – Improves erosion resistance & prevents corrosion.
- **Abrasion resistance** – Improves abrasion resistance of cement mix.
- **Waterproofing** - Prevents leakage & dampness.
- **Durability** - Enhances strength of a repair mortar & provides durability.
- **Rebound loss** - Less material wastage-material does not fall back/rebound, when used as bonding agent.
- **Coverage** - Excellent Coverage -70-80 sq.ft per kg/ in 2 coats, hence economical.

APPLICATION METHOD

- Clean the surface with wire brush or scrubber to remove hidden dirt, loose particles. Laitance, & dust. Degrease the surface by using suitable solvents
- Repair the concrete spalled portion by saw cutting the extreme edges of the repair location to a depth of at least 10 mm to avoid featheredging & to provides strong substrate.
- Clean the concrete surface to remove any contamination where breaking is not possible.
- Roughen the surface by light scabbling or grit blasting

Statement of Responsibility (Disclaimer)

The technical information and application advise are based on present state of our best scientific and practical knowledge. As the information herein of a general nature, no assumption can be made as to a products suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

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- Expose corroded rebars in the repairing area fully. Remove all loose scales & corrosion deposits & immediately clean the surface.

APPLICATION MIXING

As bond coat

1:4:7 (Du-Bond SBR Latex : Water : Cement)

- Apply a single coat of the mixed quantity of Du-Bond SBR Latex.
- When coat is tacky, apply the plaster or concrete according to the situation.
- Always add cement to the liquid (Du-Bond SBR Latex : water = 1 : 4).

As waterproof coating

1:4:7 (Du-Bond SBR Latex : Water : Cement)

- Brush apply the 1st coat.
- Apply 2nd coat after 1st coat is dry approximately 4-6 hrs between two coats.
- Overlay the 2nd coat with screed/plaster for protection and finish.

Rebars coating

1:4:7 (Du-Bond SBR Latex : Water : Cement)

- Rusted rebars must be thoroughly scraped, by mechanical means if required.
- Brush apply a single coat of prepared mix over the rebars.
- Apply concrete/mortar when the coat is tacky.

For 'salt petre'-free plaster, Brick masonry

1:4:7 (Du-Bond SBR Latex : Water : Cement)

- Brush apply the 1st coat on brick.
- Apply 2nd coat after 1st coat is dry.
- When 2nd coat is tacky, place plaster as per instruction in no.

Render, Patching & Crack Repair Mortar

1:4:7 (Du-Bond SBR Latex : Water : Cement)

- Mix 5 kg of Dr. Fixit Super Latex with pre-measured water for 50 kg of cement.
- Use this mix to add to the recommended dry mortar mixes.
- Mortar mixes may be as rich as 1:3 (cement: sand)
- Keep water-cement ratio in Mortar as low as 0.4 but not more than 0.45.
- Clean the cracked area properly of all loose materials.
- Wet the crack completely using a bottle spray.
- Apply a single coat as a bond coat prior to the crack filling of the Dr. Fixit.
- Super Latex as per the mixing proportions mentioned earlier.
- Fill the crack with above prepared mortar.
- Compact it into the crack fully and trowel finish to level.

As waterproof plaster /repair plaster

50 kg OPC cement, 150 kg Sand,

1 kg Du-Bond SBR Latex, 20 ltr Water

- Mix 1 kg of Du-Bond SBR Latex with pre-measured water for 50 kg of cement.
- Use this mix to add to the recommended dry plaster mixes.
- Plaster mixes may be as rich as 1:3 (cement : sand)
- Keep the water-cement ratio in Plaster as low as 0.4 but not more than 0.45.
- For better application apply a bond coat with super latex as suggested earlier.
- 2nd and final layer of plaster must not be mixed with SBR latex.
- Add Dr. Fixit Pidiproof LW+ to the second coat plaster.
- Take care to scratch-key the 1st coat surface for effective bond with the
- 2nd coat.
- Bond coat over the 1st coat surface for effective bond with 2nd layer of plaster is
- must to be removed.

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TECHNICAL INFORMATION

Appearance	Free flowing liquid
Color	Milky White
Specific Gravity @30°C. gms / ml	1.02 + 0.02
Non Volatile matter, %	42 - 44
PH value	7 - 9
Bond strength, N/sq mm	5
Chemical resistance	Resists mild acids & alkalies
Freeze thaw resistance	Excellent

COVERAGE

For Bonding & waterproofing applications

- 1 kg of super latex will cover 70 - 80 sq. ft. area in 2 coats for a proportion mix 1 : 4 : 7

(Du-Bond SBR Latex : Water : Cement).

Recommendations for other applications are given in above tables.

PACKAGING

Du-Bond SBR Latex is available in 5kg Gallon.

STORAGE/SHELF LIFE

- Best before one and half years from the date manufacture when in sealed pack and stored under proper condition.
- Store in a cool & dry place in unopened condition away from direct sunlight.

PRECAUTION

- Do not dilute with water or by any other means.
- Close the container lid properly after use.
- Before taking up application on a large area, it is advisable to check the performance of the product on a relatively small area.
- Use rubber hand gloves & safety goggles, while using Du-Bond SBR Latex
- In case of contact with skin, wash with plenty of water.
- Keep out of reach of children's

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