



# SBR POLYMER CHEMICAL



## ADT FLEX SBR NPU (SBR Chemical)

SBR Latex Based High Flexible Bonding Agent, Waterproofing & Repairs

### DESCRIPTION :

ADT FLEX SBR NPU 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, chhajjas, slabs & waterproofing of toilets & bathrooms & terraces. It bonds strongly to old & new concrete & plaster.

### TECHNICAL APPLICATION:

- Appearance/Colour - Free Flowing White Liquid
- Solid Content - (42 - 44)%
- Specific Gravity @30°C - 1.02 ± 0.02
- pH Value: 7 - 9

### APPLICATION METHODOLOGY :

- **As a bond coat** - Plaster to plaster, concrete-to-concrete, plaster to concrete for 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, chajjas & lift pits, balconies & staircase.
- **As crack repair** - Repairs of plaster cracks more than 5 mm & in 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.
- **Concrete repair mortars** - Improves the durability of the mortars and it can be used for making polymer modified mortars for patching and concrete repair.
- **Cement mortars** - For filling holes, reconstructing damaged areas and finishing surfaces on buildings and precast elements in concrete .

### METHOD OF APPLICATION:

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



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## APPLICATION INFORMATION:

Application Area	Mixing Ratio
Waterproofing Coating	ADT Flex SBR NPU: water: cement = <b>1:3:8</b>
Bonding Coat	ADT Flex SBR NPU: water: cement = <b>1:2:6</b>
Repair Mortar	ADT Flex SBR NPU: water: cement: sand = <b>1:4:8:32</b>
Crack Filling	ADT Flex SBR NPU: water: cement: sand = <b>1:4:10:30</b>
SBR Polymer Cement Injection Grout	ADT Flex SBR NPU: water = <b>1:6</b>

### NOTE:

The above stated consumption depends on substrate condition, porosity level, application skills and mixing ratios. Mix consistency may change with the quality of sand and cement, hence gauging water may be adjusted slightly based on site conditions. Additional plasticizing admixture may be necessary for concrete, screed or grouting applications to maintain desired workability.

### LEGAL NOTES:

The information in particular, the recommendations relating to the application and end-use of ADT products, are given in good faith based on ADT's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with ADT's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. ADT reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned copies of which will be supplied on request.

### PACKAGING:

500 g, 1 kg, 20 kg, 50 kg, 100 kg container

### SHELF LIFE:

12 months from date of production. Storage conditions the product must be stored properly in undamaged and unopened original sealed packaging, in dry conditions at temperatures between +5 °C and +35 °C. Protect from frost and direct sunlight.

### HEALTH & SAFETY:

- Use rubber hand gloves & safety goggles, while using ADT FLEX SBR NPU.
- In case of contact with skin, wash with plenty of water.
- Keep out of reach of children's.