

## OVERVIEW

CLEXOLATEX-SBR is a single component water based emulsion of a modified SBR ( Styrene-Butadiene-Rubberized) based polymer, consisting of polymer and liquid additives. it is used for the repair of spelled concrete- floors, columns, beams, chajja's , slabs & waterproofing of toilets & bathrooms, small terraces etc.it develops an excellent bond to most building material hence becoming a part of concrete repair. CLEXOLATEX-SBR can be used as bonding agent also. As it bonds strongly to old & new concrete and plasters.

## PROPERTITES

- CLEXOLATEX-SBR is a multipurpose• & economical products, easy to use.
- It prevents cracking by improving flexural strength
- Reduces drying & aging shrinkage cracks.
- As a bonding agent for old to new concrete.
- It can be used for making of cement based waterproofing slurry that is flexible and can be used as coating for control of efflorescence.
- It can be used for the protection of concrete against corrosion, salt attacks, etc.

## AREAS OF USES

- As bonding agent for plaster, concreting (old to new), stucco and cement slurry bond coat.
- Suitable for general concrete repairs as concrete admixture. It gives excellent bond strength.
- For waterproofing can be used of basements, bridge decks, water tank, toilet, terraces, roofs swimming pools, etc.

## INSTRUCTIONS FOR USE

The application temperature should be between 5°C to 45°C. Application procedures may vary slightly depending upon site conditions. The general recommended guidelines for the application of the waterproofing system are as follows:

### SURFACE PREPARATION

The application surface must be clean and free from dust grease and loose particles. Surface may be damp but not saturated. Prime the prepared surface using **CLEXOLATEX-SBR primer** (1 part CLEXOLATEX-SBR and 2 parts Water) with brush, roller or spray.

### METHOD OF APPLICATION:-

After the primer coat is completely dried apply the Treatment. Mix **CLEXOLATEX-SBR** with Portland cement in the ratio of 1 part **CLEXOLATEX-SBR**: ½ PARTS WATER: 3 PARTS PORTLAND CEMENT using slow

speed mixer. Material should be preferably mixed in small quantities to avoid wastage. Minimum 2-3 coats of CLEXOLATEX-SBR are recommended depending on the nature of the surface.

## PRECAUTION:

Mix only the required quantity of material, which can be utilized within stipulated pot life to avoid solidification. Wash all the tools and tackles with industrial solvent immediately after the application is completed.

## HEALTH & SAFETY

As with all chemicals, caution should always be exercised. avoid prolonged contact with eyes and skin. Protective clothing such as gloves and goggles should be worn. See the relevant material safety data sheet for more information.

## PACKING & STORAGE

CLEXOLATEX-SBR is available in 20Kg, 50Kg & 200 Kg plastic Drum/Bucket/ pails. Shelf life is 12 months in unopened container. store containers in a clean dry area protected from direct Sunlight and extreme heat and cold.

## TECHNICAL DATA

Product	Styrene Butadiene Rubberized Product/Latex
Base	Latex/SBR (Styrene Butadiene Rubberized) Polymer Type Styrene – Butadiene
Appearance	Milky White, low viscous emulsion Emulsifying System Anionic - non-ionic
<b>FILM PROPERTIES</b>	
Appearance	Clear and Transparent
Surface	Tacky
Tg (dma)	- 22 °C
M.F.F.T.	0 °C
<b>CLEXOLATEX-SBR30</b>	
Solids content by weight	30± 2%
Viscosity	15000-20000cps(Brookfield) @ 20° C (ASTM D 1475-16)
Specific gravity	1.1±0.2 @20°C
Touchdry time	5 Hr.@22°C & RH 50%
pH	5.5-6
<b>CLEXOLATEX-SBR50</b>	
Brookfield viscosity (RVT 10 rpm, 20°C)	< 500 cps
Total Solid Content	50.0 +/- 1.0 %
pH	8.0 - 9.0
Particle size	ca. 180 nm
Toxicity	Nontoxic but avoid inhalation Packaging 20kg and 200kg bucket/ pail/ drum

For further details visit: [www.clexoengineering.com](http://www.clexoengineering.com)

October 2022 – Issued by CLEXO Technical Centre,

We are driving Waterproofing administrations supplier and waterproofing workers for hire in India. We give 5 and 10 years guarantee (relies upon the material quality) on our all administrations including new and old administrations from us.

CLEXO ENGINEERING & CHEMICALS PVT. LTD. has remained an expert waterproofing administrations worker for hire on both new developments





**CLEXO**  
*Life of Construction*

## CLEXOLATEX-SBR (STYRENE-BUTADIENE RUBBER BASED POLYMER)

CECPL-1009

### PICTURES/IMAGES AT GLANCE



### CLEXO ENGINEERING & CHEMICALS PVT. LTD



[An ISO 9001: 2015 Company]

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