

TRI-LATEX SBR

High performance bonding agent between old and new concrete.

Description

TRI-LATEX SBR is a modified styrene butadiene rubber emulsion which is supplied as a ready to use white liquid. It is designed to improve the quality of site-batched cementitious mortars and slurries. Being resistant to hydrolysis, it is ideal for internal and external applications in conjunction with cement.



Typical uses

- Bonding agent for the cementitious self leveling.
- Bonding agent between old and fresh concrete
- Bonding agent for concrete repair mortar
- Waterproof renders and slurry.
- Concrete cementitious floor leveling
- Bonding agent for slip bricks and tiles.

Advantages

- One component liquid can be easily gauged as required.
- Adhesion : improves bond strength to concrete, stonework, plaster & block board.
- Waterproof: improves durability and waterproofing properties of concrete & plaster.
- Flexibility : reduces cracking by increasing cementitious mortar flexibility.
- Strength : highly improves compressive strength of cementitious mortar & concrete.

Materials Compatibility

- **TRI-LATEX SBR** is specifically designed for use with Portland cements.
- **TRI-LATEX SBR** is also compatible with sulphate-resisting cement, Types II and V.
- **TRI-LATEX SBR** is formulated for use as the primer for **TRI-MORTAR**.

Technical Data @°25c

Color	White Liquid
Density	1.01 ± 0.05 kg / L
Solid Content	30 ± 2 %

Directions for use

Surface preparation

Prepare a good clean structural surface for bonding by removing all loose materials, old mortars and laitance traces of oil, grease & curing compounds should be removed by chipping out the affected area of concrete.

Finally sweep or blow off the surface to remove dust which could cause debonding.

Directions for use

Priming

Areas should be pre-wetted and free standing water should be removed. Apply a slurry coat of **TRI-LATEX SBR** to the prepared area.

Mixing

Mix dry ingredients with the required amount of water before adding **TRI-LATEX SBR** as shown in the Table.

Placing

Place **TRI-LATEX SBR** cementitious mortar / concrete while primer is still wet. Do not hard trowel or over finish; easily float the surface to reach a final finished.

Recommend System TRI-LATEX SBR :

Materials / Mix type	Cement KG	Sand KG	Agg KG	Water LT	TRI-LATEX SBR LT	Yield approx M ³
cement Slurry	25	-	-	-	10	-
Cementitious Repair Mortar	50	150	-	15	6	0.10
Plaster	50	150	-	15	5	0.10

Package

- **TRI-LATEX SBR** Available in 1-5-20 Lit - pail 200 Lit

Storage conditions

- Store the material in a cool, dry and covered place.
- Temperature should not exceed (10 – 30) C° .
- Do not expose the pails to direct sunlight and keep away from all sources of heat.

Shelf life

- 12 month stored in dry and cool place

Cleaning

Tools should be cleaned immediately with water after use. Hardened material can only be removed mechanically.

Sustainability and environmental accountability

- TRI-CHEM's Environmental sustainability is the accountability to conserve natural resources and protect global ecosystems to support health and well-being for this a more positive approach is that accountability guides the actions of power-holders towards more socially and environmentally sustainable results.

Technical support

- For any technical support, please contact TRI-CHEM technical office or representatives.



Factory & Head Office:

6 October City - 4th Industrial Zone - Al Oula Industrial Zone Plot No.: 14
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Health and safety responsibility

- Workplace health and safety is all about sensibly managing risks to protect TRI-CHEM's workers and business.
- ISO 45001 is a systematic health and safety management is characterized by strong leadership involving managers, workers, suppliers, contractors and customers and also health and safety management is an essential part of the movement towards sustainable development.
- Spillages should be washed down immediately.
- PPE in accordance with the health and safety rules should be used during the materials application.
- For irritant effects of the non-cured material, avoid contact with skin and eyes during storage and application.

Institutional Excellence and quality performance

- Institutional excellence in TRI-CHEM refers to achieving high levels of performance, quality and effectiveness in all aspects of TRI-CHEM company's work, it involves a systematic and continuous effort to improve an organization's performance by applying best practices, innovative approaches and evidence-based strategies, institutional excellence spans various areas, such as training , research, innovation, community engagement, governance, management and sustainability, and involves setting high standards, measuring performance against these standards and continuously improving performance to meet or exceed these standards, excellence in TRI-CHEM also includes a culture of continuous improvement and learning, where everyone in the organization is committed to achieving the organization's goals, working together to find solutions to challenges and opportunities, and requires a collaborative approach that includes all stakeholders.
- All products originating from TRI-CHEM facility are manufactured under a quality management system independently certified to conform the requirements of the quality standards (ISO 9001:2015).

Disclaimer

- While TRI-CHEM guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control.
- TRI-CHEM is recommended to verify with TRI-CHEM that the product is suitable for the intended use, and that this data sheet version is the latest one.
- TRI-CHEM may modify it without prior notice and technical characteristics are listed for guidance only.
- Any specification, recommendation or information mentioned in this product data sheet is (to TRI-CHEM's best knowledge) true and reliable.
- However, because TRI-CHEM has no influence on the application method of these products and the care taken, the company cannot accept any liability arising from the use of its products. TRI-CHEM's warranty is therefore limited to the quality of the materials supplied which are guaranteed against defective materials.

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