

---

## *SBRS SMALL*

---



### Product Description:

Styrene-Butadiene Rubber (SBR) is a synthetic rubber copolymer of styrene and butadiene, commonly used in the paint industry as an additive to enhance various properties of coatings. The SBR emulsion serves as a binder that improves flexibility, durability, and resistance to weathering in paint formulations. When used in paints, SBR emulsion improves the adhesion, water resistance, and abrasion resistance, making it ideal for both interior and exterior coatings.



### Health and Safety:

- **Precautions:** Wear gloves and eye protection, ensure good ventilation, and avoid skin and inhalation contact.
- **Storage:** Store in a cool, dry place, away from sunlight and children.



### Quality & Durability:

- **Quality Assurance:** SBR emulsion is manufactured under strict quality control procedures to ensure consistent performance.
- **Weather Resistance:** SBR increases the ability of paint to withstand varying weather conditions, offering improved protection against rain, UV light, and temperature

### APPLICATION INSTRUCTIONS

- **For every bag of cement 1.5kg of SBRS**
- **Preparation:** Stir the SBR emulsion thoroughly before use to ensure uniform consistency. This product is typically added to paint formulations during the mixing stage.
- **Mixing:** SBR emulsion is compatible with most water-based systems and can be mixed with pigments, fillers, and other additives to formulate high-performance paints. For best results, ensure proper dispersion of the SBR in the paint base.
- **Drying Time:** The drying time of the paint will be influenced by the amount of SBR used. It is generally recommended to allow 1-2 hours of drying time for the initial coat and 4-6 hours for the final curing in typical room conditions.
- **Storage:** Store SBR emulsion in a cool, dry place, avoiding prolonged exposure to heat and direct sunlight. Keep containers tightly sealed to prevent contamination.

### Technical Details

- **Color :** White
- **Viscosity:** 100-150 cps (at 25°C)
- **pH Level:** 7-9
- **Solubility:** Water-based
- **Density:** 1.02 - 1.05 g/cm<sup>3</sup>
- **Storage Temperature:** 5°C to 30°C

### Uses:



- **Exterior and Interior Wall Paints:** Improves flexibility and adhesion
- **Floor Coatings:** Ideal for floor coatings where high abrasion resistance and wear resistance are crucial.