

SUNKOLL GREEN SBR Technical Data Sheet



नए भारत क नई ताकत

Main application

Sunkoll Green SBR is Ammonia free versatile latex additive used primarily in construction and renovation projects.

Sunkoll Green SBR is a high-performance latex additive designed to enhance the properties of cementitious materials. This versatile product is widely used in construction and renovation applications to improve the performance, durability, and flexibility of various construction mixtures.

How To Use



Technical advantage of SUNKOLL GREEN SBR

- The production process may involve lower energy consumption and reduced greenhouse gas emissions, contributing to a smaller carbon footprint.
- Compatibility: Green SBR can often be blended with other materials without compromising performance, allowing for versatile applications in tires, footwear, and industrial products.
- Recyclability: Some formulations of Green SBR are designed to be more easily recyclable, supporting circular economy initiatives.
- Enhanced Aging Properties: It may provide better resistance to aging, UV radiation, and ozone, extending the life of products made from it

Product Not To Be Used

Mixing :

- **Mixing Process: Preparation:** Ensure all materials and equipment are clean and ready.
- **Weighing:** Measure the appropriate quantities of SBR, fillers (like carbon black or silica), processing oils, and additives.
- **Mixing:** Use a rubber mixer (like a two-roll mill or internal mixer) to combine the materials.
- **Temperature Control:** Monitor the temperature to avoid overheating, which can degrade the rubber.
- **Curing Agents:** Add curing agents or accelerators towards the end of mixing for optimal dispersion.
- **Testing:** Conduct tests on the mixed compound to check properties like viscosity, tensile strength, and hardness.

How To Apply :

- **Surface Preparation:** Ensure the surface is clean, dry, and free from dust, oil, and any contaminants. This may involve washing and drying the area.
- **Mixing:** If required, mix SUNKOLL GREEN SBR with any recommended additives or hardeners as per the manufacturer's instructions. Ensure the mixture is uniform.
- **Application:** Use a suitable applicator such as a brush, roller, or spray gun to apply the SBR evenly across the surface. Work in manageable sections to ensure consistency.
- **Layering:** Depending on the application, you might need to apply multiple layers. Allow adequate drying time between each layer as specified in the product guidelines.
- **Curing:** Allow the product to cure fully. This time can vary based on environmental conditions and the specific product formulation.
- **Final Checks:** Once cured, inspect the surface for uniformity and adhesion. Make any necessary touch-ups.

Product & Working Data

Colour	Milky White
Consistency	Low viscosity liquid
Solid Content	52±2%
pH value	7.0 - 9.0
Density	approx.1.04 g/cm ³
MFFT	Approx. 18°C
Tg	Approx. 14°C

Technical Performances

25-28 Sq.ft/ltr of mix	Waterproof Slurry (2 coats)	2 Ltr of sbr / 100 Sq. Ft
50-55 Sq.ft/ltr of mix	Bonding Coat (1 coat)	1.25-1.35 Ltr of sbr / 100 Sq.ft
1 Cu.ft/50 Kg of mix	Modified Concrete 1 repair mortar	2.3 Ltr of sbr / Cuft. of repair
1.15 Sq.ft/Kg of mix	Modified Plaster (5mm thickness)	2.25 Ltr of sbr/100 Sqft. of plastering

Important Instructions

- **Personal Protective Equipment (PPE):** Always wear gloves, safety goggles, and respiratory protection when handling SBR and its components.
- **Ventilation:** Work in a well-ventilated area to minimize inhalation of fumes.
- **Storage:** Store SBR in a cool, dry place away from direct sunlight and heat sources.
- **Spills:** In case of spills, follow proper cleanup procedures and dispose of waste appropriately.
- **First Aid:** Familiarize yourself with first aid measures for exposure to SBR or its components.
- **Waste Management:** Dispose of any waste materials according to local regulations. Do not pour down drains or throw in regular trash.



SUNKOLL Green Building Index :

SUNKOLL Range of Products are most eco-friendly and suitable to use in all kind of buildings including certified green. Apart from using best of international raw material for best performance, SUNKOLL procure the major raw material locally to safeguard environment.

SUNKOLL Quality & Safety Assurance

Products supplied are safe to use by any worker at site. However proper tools and safety measures must be in place for prolong working. The gloves, safety glasses and other protection measure must be followed as per local regulation.

Declaration :

Check before using the product about performance and final expected results. **SUNKOLL** cannot be held All the above information and results are provided based on **SUNKOLL** internal quality test. Customer must responsible for any damage of whatsoever nature at site.

UNIT - 1 **SUNKOLL INDUSTRIES LIMITED**

Plot No. 62, Tarang Industrial Estate
Hadamtada Ta. Kotda Sangani N.H. 8-B
Rajkot(Gujarat) - 360 311

UNIT - 2 **SUNKOLL INDUSTRIES LIMITED BARODA**

UNIT - 3 **SUNKOLL INDUSTRIES LIMITED JAIPUR**

UNIT - 4 **SUNKOLL INDUSTRIES LIMITED GUWAHATI**

TECHNICAL SERVICES & CUSTOMER CARE MANAGER : +91 70698 82251

TOLL FREE : 1800 890 2343

Email: sunkollindltd@gmail.com