

Latex SRE-1500B

Technical Data Sheet

Description

Latex SRE-1500B is a polyacrylate/styrene emulsion for adding to cement mortars where good adhesion and water resistance are required. It is an environmentally friendly and highly flexible acrylate emulsion. It maintains long effective elasticity and waterproof effect without adding plasticizer in the preparation of waterproof coatings. It is suitable for flexible single component paste waterproof coating.

Advantages

- ❖ Internal plasticized products, excluding AEPO
- ❖ Good tensile strength and elongation at break
- ❖ Durable elasticity and waterproof effect
- ❖ Excellent interface adhesion and filler adaptability

Uses

Housing construction, road and other projects of cast-in-place concrete, prefabricated components, wear-resistant floor, cement products.

Storage Condition

Latex SRE-1500B should protect from direct sunlight. Store in a dry area in original packaging between +5°C and +35°C.

Physical Properties*

PROPERTY	TYPICAL RESULTS
Appearance	Milky white emulsion
Density	1.01 ± 0.02
PH value	6.5—8.5
*The above properties are average laboratory values	

Applications

Latex SRE-1500B is a high quality emulsion that substantially improves the qualities of cement mortars in applications such as:

- ❖ Thin layer patching mortars
- ❖ Floor screeds
- ❖ Concrete repair mortars
- ❖ Abrasion resistant linings
- ❖ Tile fixing mortars
- ❖ Masonry mortars

Packing

Latex SRE-1500B is available in 200 liter drum or 1000kg IBC

Shelf Life

6 months from production date if stored properly in original unopened packaging.

Application Details

Substrate Preparation	Concrete surfaces should be clean, sound and free from oil, grease, cement laitance and all loosely adhering particles. The surface should be in a saturated surface dry condition.
	1, Latex SRE-1500B could be used directly without adding water 2, Pre-mix Latex SRE-1500B and clean water, then add cement until desired consistency is achieved. Mix for at least 3 minutes until a homogeneous mixture is achieved.

Mixing ratio

Latex SRE-1500B: Water: Cement=1:1:4 or

Latex SRE-1500B: Water: Cement=1:2:6

Depending on the application and performance required, **Latex SRE-1500B** may be added to the clean mixing water within the range of 1:1 to 1:2.

Technical Support

CasTech offers full technical support package to specifiers, contractors and end users, as well as technical assistance on site and after sales consultations.

Health & Safety

As with all chemical products, caution should always be exercised. Protective clothing, such as gloves and goggles, should be worn. See packaging/MSDS for specific instructions.

Treat any splashes to the skin or eyes with

fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.

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