



# PCC-SBR LATEX

## Bonding Agent and Mortar - Strengthening Additive

### PRODUCT DESCRIPTION

PCC-SBR LATEX is a synthetic rubber emulsion to adding to cement mortars where good adhesion and water resistance are required. It is suitable for tropical conditions.

### AREA OF APPLICATION

PCC-SBR LATEX is high quality emulsion that substantially increases the qualities of cement mortars such as:

- Thin layers patching mortars
- Renders
- Floor screeds
- Concrete repair mortars
- Abrasion resistant linings
- Tile fixing mortars

### FEATURES / BENEFITS

- Extremely good adhesion
- Good elasticity
- Excellent water resistance
- Reduce shrinkage
- Improved chemical resistance
- Ready for use
- Non-corrosive

### TECHNICAL INFORMATION

Appearance	Milky white liquid
Chemical Base	Styrene Butadiene Latex Emulsion
Specific Gravity	1.02
Chloride Content	Nil

### PACKAGING

PCC-SBR LATEX is packaged in 20 ltr pail and 200 ltr drums.

### SHELF LIFE

12 months from the date of production if stored properly in original, unopened and undamaged packaging in dry conditions. Keep away from direct sunlight.

### DIRECTIONS FOR USE

**Surface Preparation:** The concrete must be clean, sound and free of all loose and friable materials, cement laitance, oil and grease. Absorbent substrate should be saturated thoroughly.

**Mixing:** Sand particle sizes should correspond to the thickness of mortar to be applied and required surface finish.

Mortar Thickness	Aggregate Size
< 2mm	0 - 0.5 mm
2 - 5mm	0 - 1.0 mm
5 - 15mm	0 - 3.0 mm
> 15mm	0 - 7.0 mm

**Consumption:** PCC-SBR LATEX is generally added to the cleanmixing water within the range of 1:1 - 1:2.5 for all application, apart from sprayed-on renders, where bonding slurry should be applied.

**Application:**

Bonding slurry

**PCC-SBR LATEX:** water = 1: 1, mixed with fresh cement to a creamy consistency, should be brushed onto the prepared surface.

**High Performance Render**

Mix **PCC-SBR LATEX:** water in a 1: 1 ratio. Use a maximum of 25 ltr of this solution in a mix containing 50 kg of cement and 150 kg of sand. This will yield approximately 100 liters of mortar which will cover 10 m<sup>2</sup> to a thickness of 10 mm.

## CLEAN UP

Clean all the tools and application equipment with water immediately after use. Hardened and/or cured material can only be mechanically removed.

## PRECAUTIONS / LIMITATIONS

- Avoid excessive air entrainment through over-mixing
- Rendering and floor topping should be allowed to cure correctly
- Never use neat **PCC-SBR LATEX** with water as bonding agent - always add cement and sand.



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