



# SBR LATEX (M)

**BONDING AGENT AND MORTAR – STRENGTHENING ADDITIVE**

**EUCLID CHEMICAL**

BONDING AGENTS & ADHESIVES

## DESCRIPTION

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

## PRIMARY APPLICATIONS

SBR LATEX (M) 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

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

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**Consumption:** **SBR LATEX (M)** is generally added to the clean mixing water within the range of 1:1 – 1:2.5 for all application, apart from sprayed-on renders, where a bonding slurry should be applied.

**Application:**

Bonding slurry

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

**High Performance Render**

Mix **SBR LATEX (M)** : 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 litres of mortar which will cover 10 m<sup>2</sup> to a thickness of 10 mm.

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## CLEAN UP

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

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## PRECAUTIONS / LIMITATIONS

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

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