

REEBOND SBR

DESCRIPTION

Reebond is a modified styrene butadiene emulsion. Due to its polymeric action Reebond SBR mortars give superior adhesion, considerably improved flexural and tensile strength coupled with good compressive strength, abrasion, and water resistance, greatly reduced water permeability and improved chemical resistance. Reebond SBR mortars are non-toxic and non-corrosive. Reebond SBR mortars have excellent freeze-thaw resistance and resistance to long term water immersion.

USES

Reebond SBR may be used, for example in:

*High strength floor screeds.

*Repair mortar for patching and filling

*For filling and patching mortars that require thin layer finishing.

*For producing floor screeds with enhanced freedom from "dusting", but with improved flexibility and resistance to cracking.

APPLICATION GUIDELINES

SURFACE PREPARATION

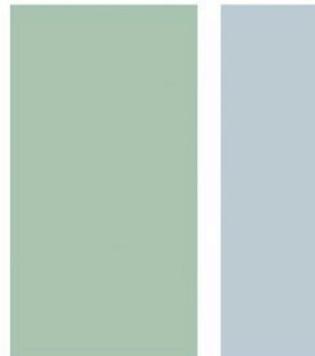
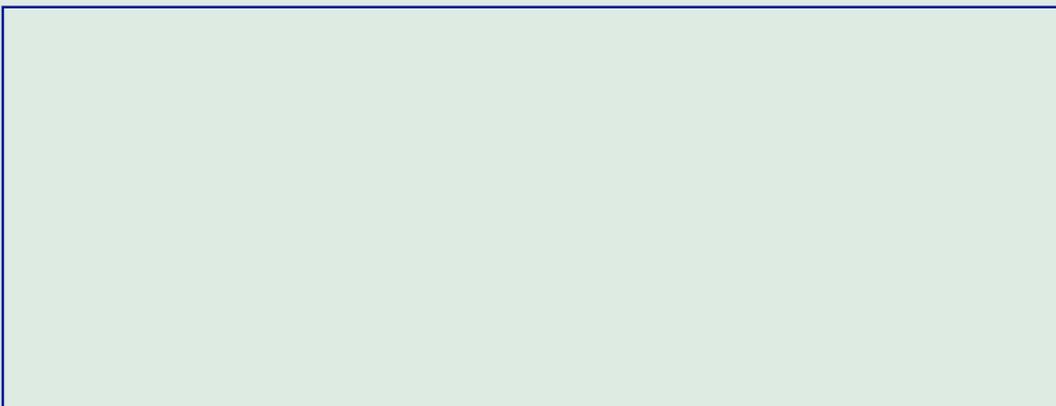
The substrate must be sound, free from oil, grease, or surface contaminants. Remove any loose material and laitence using a scabbling machine or mechanical abrasion. If base is porous moisten well until uniformly saturated, but leave no puddles of water.

BONDING GROUT

On concrete surfaces, brick, block-work and for renderings:

- This bonding should be of a grout consistency and the following composition: Reebond SBR one part, Water one part, Cement one part, and Washed Fine Sand one part. (coverage 4-5 m²/Ltr Reebond SBR).
- Apply the bonding coat generously and vigorously with a stiff brush to the wetted, prepared substrate.
- The first mortar coat should then be applied after the bonding coat has started to stiffen. Reebond SBR bonding coat should then be applied to a saturated surface.

TECHNICAL DATA



REEBOND SBR

GENERAL RECOMMENDATIONS

Renderings, floor toppings etc., should be allowed to cure correctly. If temperatures drop to 0°C or less, protect the uncured mortar against frost. Reebond SBR should not be overmixed. Do not use neat Reebond SBR as a bonding coat, without adding cement and sand. MAXIMUM dilution of Reebond SBR with the mixing water is 1:3 (Latex: Water). Mortar toppings should be finished by wood float or steel trowel. Care should be taken to prevent rapid drying of Reebond SBR mortars, by the use of polythene, damp hessian or a concrete curing compound. Always use sharp sand, clean and washed. Always keep the water/cement ratio to a minimum to enable correct working compaction. A W/C of less than 0.4 is advised. Maximum thickness per layer 50mm. Ensure hardened layers are mechanically "keyed", wetted and grouted.

Recommended Mix Designs and Applications (aggregates are calculated as dry).

1. Mortar for water resistant repair work, patching floors, screedings, rendering, re-pointing, masonry etc. Wet and grout surface.

Mix:	Cement	50 kgs
	Zone 2 sand	125 kgs
	Reebond SBR	19 litres
	Output, approx.	0.1 cubic mtr

An additional 25 Kgs of Zone 2 sand should be added where a topping thickness in excess of 12mm is desired.

2. Mortar with improved chemical resistance, for high duty applications. Wet and grout surface.

Mix:	Cement	50 Kgs
	Zone 2 sand	125 Kgs
	Reebond SBR	18 litres
	Output, approx.	0.1 cubic mtr

3. Heavy duty floor screeds up to 25mm thickness. Wet and grout surface.

Mix:	Cement	50 Kgs
	Zone 2 sand	75 Kgs
	3-6mm Granite chippings	75 Kgs
	Reebond SBR	18 litres
	Output, approx.	0.1 cubic mtr

Screeds with a thickness in excess of 25mm requires less Reebond SBR, 4 litres is recommended.

PACKAGING & STORAGE

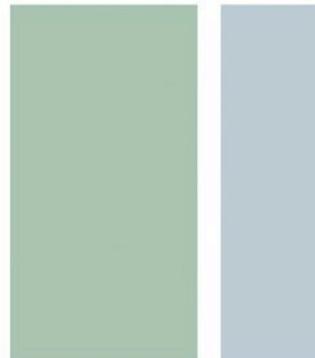
Reebond SBR is supplied in 5, 25 and 200 litre containers. Store free from frost in sealed containers. Shelf life at least one year.

HANDLING PRECAUTIONS

Reepol products are generally quite harmless, providing certain precautions normally taken when handling chemicals are observed. Avoid contact with foodstuffs or food utensils. Avoid prolonged skin contact. Wear protective clothing, gloves, etc. (barrier cream). In the event of contamination, wash thoroughly with water. If the eyes or mouth are affected wash with clean water immediately and obtain medical attention.

Important Note

Whilst all reasonable care is taken in compiling technical data on the company's product, all recommendations or suggestions regarding the use of such products are made without guarantee since the conditions of use are beyond the control of the company. It is the customer's responsibility to satisfy himself that each product is fit for the purpose for which he intends to use it and that the actual conditions of use are suitable.



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