

## SBR WATERPROOFING BONDING AGENT

**Thompson's SBR Waterproof Bonding Agent is a multi purpose bonding agent and primer. It is ideal for producing high abrasion resistant floors and renders, and patching and bonding onto backgrounds with low suction. When dry the finished mortars or concrete show a vastly improved resistance to water.**



### THOMPSON'S SBR WATERPROOF BONDING AGENT:

- Water resistant bonding agent, primer and admixture
- Improves water resistance, durability and flexibility
- Ideal for use on internal and external renderings

### TECHNICAL DATA

Form	White liquid
Storage Life	12 Months unopened stored between 5°C and 25°C in original containers

Specification writers: These values are not intended for use in preparing specifications. Please contact your local Thompson's Sales Representative prior to writing specifications on this product.

### SURFACE PREPARATION

- All surfaces must be sound, clean, free from dust, grease, oil and loose materials.
- Surfaces with high suction should be dampened before application.
- Any excess water should be removed from the surface before application.

### APPLICATION

#### Waterproof renders:

#### Priming:

- For stable substrate:
  - Brush apply a coat of Bonding Primer 1.
- For weak, porous substrate:
  - Apply Bonding Primer 2 by brush, working into the surface. Leave to harden (min. 16 hours, max. 3 days).
  - Brush apply Bonding primer 1.
- Apply first coat of render whilst Bonding Primer 1 is still tacky.

#### Applying Render:

- Whilst Bonding Primer 1 is still tacky, apply a render of Mix A at a minimum thickness of 6mm (see front of pack). Allow to harden for 5-6 hours. Scratch this coat to give a key for the finishing coat.
- Apply second render of Mix A to a maximum thickness of 6mm.

	SBR: Water: Cement:	Consistency	Primer Thickness
Bonding Primer 1	1:1:5	Smooth, thick cream	1mm
Bonding Primer 2	1:0:2	Smooth, thick cream	Dependant on porosity; work into surface

### Flooring:

- Dampen the surface if necessary, then brush apply Bonding Primer 1 (see table above). Lay the screed whilst the primer is still tacky.
- Select mix design based on screed type and application thickness (see front of pack).
- Mix the screed with enough gauging liquid to give good working consistency.
- In the first 48 hours after application, prevent the mixes from drying out by covering with polyethylene sheeting, damp hessian or by misting with water.

### Screed Application Rates:

Screen Type	Screed Thickness	Mix Design
Standard	6mm - 12mm	Mix B
	12mm - 25mm	Mix C
	25mm - 40mm*	Mix C*
Heavy Duty	12mm - 25mm	Mix D
	25mm - 40mm*	Mix D*
Dense Water Resistant	12mm - 25mm	Mix E
	25mm - 40mm*	Mix E*

\*For screeds applied 25mm - 40mm reduce SBR content, alter gauging mix to SBR: water 1:3

Mix Type	Aggregate/sand/cement by weight	Aggregate/sand/cement by volume	SBR/Water/Gauging liquid	Approx yield/50kg cement
A	0:2.5:1	0:2:1	3:1	0.1m <sup>3</sup>
B	0:2.5:1	0:2:1	1:1	0.1m <sup>3</sup>
C	0:3:1	0:2.5:1	1:1	0.11m <sup>3</sup>
D	1.5:1.5:1*	1.25:1.25:1	1:1	0.11m <sup>3</sup>
E	2.5:1.5:1**	2.5:1.25:1**	1:3	0.14m <sup>3</sup>

\*3mm to 6mm granite chips \*\*20mm aggregate

### COVERAGE

As SBR Bonding Primer approx 15m<sup>2</sup> per 5 Litre.

### CLEANING

Clean all equipment with water immediately after use.

### PACKAGING

Sizes: 5L, 25L

### HEALTH AND SAFETY

Thompson's SBR Waterproof Bonding Agent is essentially non hazardous in normal use. For further information please refer to Health and Safety data sheets available on request.

### TECHNICAL SERVICE

For further technical information, advice on suitability for specific applications, or detailed Health and Safety information, contact Thompson's Technical Service.

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