



# SBR ADMIXTURE

## Mortar/ Rendering Admixture And Bonding Agent

### Technical Data Sheet



### BUILDERS COMPLETE RANGE

#### Description:

A premium grade SBR designed to give concrete floors and cement renders abrasion, chemical and water resistance. Bond It SBR also shows improved performance as a key coat adhesive compared to non SBR bonding agents.

#### Features & Benefits:

- ◆ Increases flexibility of cement screeds.
- ◆ Improves workability, wet adhesion and plasticity of fresh mortars.
- ◆ Reduces shrinkage, cracking and surface dusting.
- ◆ Improves water, abrasion and chemical resistance.
- ◆ For interior and exterior use.

#### Uses

For improving a mortar's, render's or floor screed's abrasion and chemical resistance. Providing protection during continued or intermittent water contact suitable for both external or internal use application. Key coat applications to substrates with a low porosity or of poor quality, i.e. old, flaky plaster. For repair patching of concrete and cement screeds, to improve adhesion and flexibility of screeds.

#### Limitations

Protect from freezing. Do not use with cements other than OPC without first contacting the cement supplier. Do not use chloride based frost proofers with Bond It SBR. Do not over mix mortar/ render. Do not use when air or surface temperatures are below +3°C.

#### Preparation

All surfaces should be free from laitance, oil, grease and standing water. Unsound surfaces should be scabbled down to a solid base material. Stir before use.

#### Application

**Key Coat:** Mix 1 part Bond It SBR to 2 parts cement by volume and adjust to brushable consistency with water. Mix only enough to use within the hour. Brush thoroughly into a clean dust free substrate, whilst still wet overcoat with the floor or render mix.

#### General Priming/ Sealing (including Gypsum/ anhydrite screeds):

Mix 1 part SBR to 1 part water. Apply first coat to surface by brush or roller - allow to touch dry then apply a second coat at 90° to the first and allow 48 hours to dry.

**Damp-proofing:** Mix the same formulation as in the key coat and apply the first coat with vigorous brush strokes. Allow to touch dry then apply a second coat at 90° to the first and allow 48 hours to dry. Apply the third coat at 90° to the second coat and while still wet apply the render.

**Renderings/Mortars:** Prepare the substrate with the key coat first for best results. Mix sand/cement mortar/render and add 5-7.5 litres Bond It SBR per 25Kgs cement, reducing the amount of gauging water accordingly. Apply at least 6mm thick. Two coats are recommended.

**Granolithic Floorings:** Prepare the substance with the key coat first for best results. Mix cement: sand: 3mm granite flooring chips 1: 1½: 1½ Use 5L Bond It SBR to each 25Kg of cement, for floors up to 25mm thick. For floors greater than 25mm use 2.5 litres Bond It SBR and add water accordingly to produce a semi-dry mix.

**Patching Concrete:** Use the key coat and use a 3:1 render mix feathering lightly.

#### Cleaning Of Tools

Rinse equipment after use with plenty of clean water.

#### Size

5L and 25L plastic bottles. 200L also available on request.

#### Coverage

**Flooring:** 5 litres SBR for every 25Kgs cement.

**Mortar/Rendering:** 5-7.5 litres SBR for every 25Kgs cement.

**Key Coat:** 5 litres SBR per 30m<sup>2</sup> depending on porosity.

#### Colour

White liquid that dries clear.

#### Shelf Life

24 months from date of manufacture when stored in unopened bottles.

#### Storage Conditions

Store in cool, dry conditions in original sealed container between +5 and +30°C. Protect from frost, high temperatures and direct sunlight.

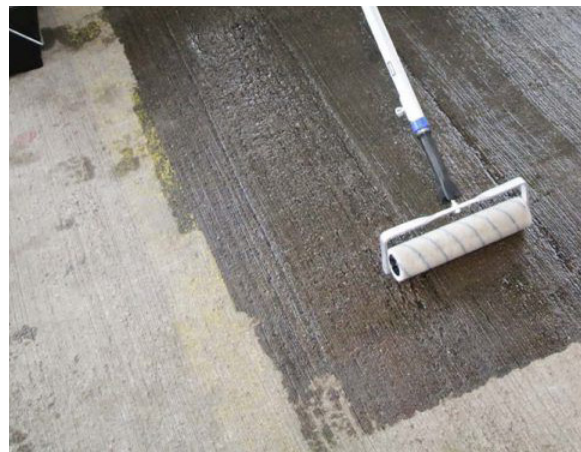
#### Disposal Of Containers

Do not leave empty containers where residue could be harmful to children, animals or the environment. Remove any bottles or used material to a central disposal point in accordance with local regulations. Any spillages should be mopped up immediately with an inert absorbent material such as sand or sawdust.

## Health & Safety

Please refer to separate safety data sheet (SDS) for full handling, use and storage instructions. Keep out of reach of children. It is the user's responsibility to determine suitability for use. If in doubt, contact our Technical Department for advice.

**Note: this information is for general guidance only, since site conditions and labour are beyond our control.**



## Specification Summary

Appearance	Milky white liquid capable of florescence
Composition	Styrene butadiene copolymer latex
Flammability	Non-flammable
pH approximately	9.5
Solubility in Water	Soluble
Boiling Point	+100°C
Application Temperature	+3°C to +30°C
Commodity Code	3824400000

## Product / Order Details

Code	Colour	Fill	Barcode	UFI
BDH039	White	2.5L	5056437400390	-
BDH040	White	5L	5060021361196	-
BDH041	White	25L	5060021361202	-
BDH042	White	200L	5060021364234	-



## Part of the Bond It Builders Complete Range

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**Note:** The data presented in this leaflet is in accordance with the present state of our knowledge, but does not absolve the user from carefully checking all supplies immediately on receipt.

We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the products for a particular purpose.



Certificate Number 6152  
ISO 9001  
ISO 14001  
ISO 45001

**Version 6: Updated 23/07/24**  
Supersedes: V5 01/07/22

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