

## OVERVIEW

Terrabond SBR is a versatile bonding agent and admixture for use with cementitious materials. It is used to improve adhesion and strength of cementitious compounds. It is also widely used to produce waterproof mortars and slurries. Terrabond SBR is very economical in use.

## PROPERTIES

Terrabond SBR is a non-toxic, non-flammable, modified styrene butadiene latex. When blended with cement based compounds it provides the following benefits:

- Excellent adhesion
- Improves durability
- Reduces permeability to water and salts
- Increased flexural and tensile strength
- Compatible with all hydraulic cements
- Cost efficient

## AREAS OF USE

### Priming coat:

Blend according to chart into a smooth slurry and apply to a damp substrate. Apply finish before priming coat dries.

### Repair Mortar:

Blend according to chart into a smooth paste suitable for repair from 5-40mm.

### Floor screeds:

Blend according to chart to a stiff cohesive consistency. Suitable for screeding from 10-25mm.

### Waterproof render:

Blend according to chart to a suitable consistency. Apply by trowel from 5-10mm.

### Waterproof tanking compound:

Blend according to chart to a brushing consistency. Apply by brush/trowel 2mm.

### Tile/brick mortar:

Blend according to chart to a firm consistency. Recommend thickness 5-40mm.

## HEALTH & SAFETY

Avoid prolonged contact with eyes and skin. For detailed information refer to relevant material safety data sheet.

## PACKAGING & STORAGE

Product is supplied in 5kg and 20kg plastic containers.

Store containers in a clean dry area protected from direct sunlight and extreme heat and cold. Unopened containers can be stored for 12 months. Use oldest material first.

TERRACO offers a comprehensive range of products and services for most concrete and finishing needs. Please contact the TERRACO Technical Service Department or your local TERRACO agent for further information, samples, demonstrations and instructor services. The information given in this leaflet is based upon laboratory research, as well as extensive field work and application. All products are sold subject to standard conditions of sale which are available on request. This information is based on TERRACO's present state of knowledge and is intended to provide general information on TERRACO's products and their methods of use. The prospective user is recommended to determine the suitability of TERRACO's suggestions and products before adopting them on a commercial scale.

## TECHNICAL DATA

<b>Product</b>	Water resistant polymer admixture.
<b>Binder</b>	Styrene butadiene.
<b>Specific Gravity</b>	1.02 - 1.05.
<b>Solid Contents</b>	46% approximately.
<b>pH Value</b>	8.0 – 8.5.
<b>Compressive Strength (repair mortar mix design)</b>	25 N/mm <sup>2</sup> (2 days) 39 N/mm <sup>2</sup> (7 days) 50 N/mm <sup>2</sup> (28 days)
<b>Flexural Strength (repair mortar mix design)</b>	6.3 N/mm <sup>2</sup> (2 days) 8.1 N/mm <sup>2</sup> (7 days) 12.3 N/mm <sup>2</sup> (28 days)
<b>Bond Strength (tanking compound mix design)</b>	2.3 N/mm <sup>2</sup> (7 days dry cure) 1.7 N/mm <sup>2</sup> (7 days dry + 7 days wet cure)
<b>Water Vapour Permeability (tanking compound mix design)</b>	100grs/m <sup>2</sup> 24hrs (2mm film)
<b>Stability</b>	Stable if kept frost-free.
<b>Properties</b>	Non-toxic, non-crystallising, non-flammable.
<b>Packaging</b>	5kg and 20kg plastic pails.
<b>Storage</b>	12 months in original unopened containers.

Mix Design	Thickness (mm)	Cement	Sand	Terrabond SBR	Water	Granite Chips 3-6mm
Priming coat	<1	60kg	---	20kg	20kg	---
Repair mortar	5-40	100kg	300kg	20kg	16kg	---
Floor screed	10-25	100kg	150kg	20kg	12kg	150kg
Waterproof render	5-10	100kg	300kg	20kg	12kg	---
Waterproof tanking compound	1-2	25kg	75kg	20kg	10kg	---
Tile adhesive	5-40	70kg	170kg	20kg	4kg	---

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