

## SOPRA PROOF RB

### Description

**SOPRA PROOF RB** is a rubberized bitumen emulsion with excellent adhesion which dries up to form a joint-less waterproofing membrane that is flexible, damp proof, and vapor proof for concrete, masonry, cement bricks and wood.

### Recommended Uses

**SOPRA PROOF RB** is suitable for the following applications:

- Basements
- Foundations
- Columns
- Flat roof waterproofing
- Waterproofing of water retaining structures
- Gutters

### Features and benefits

- Water vapor impermeable.
- No heating required.
- Adheres firmly on most building surfaces.
- Applied by with brush, roller or spray machine.
- Ready to use and easy to apply.
- No primer needed.
- Non-sag on vertical surfaces.
- Remains flexible at low temperature.
- Crack-bridging.
- Solvent free.

### Standards Compliance

**SOPRA PROOF RB** complies with BS EN 15814:2011 Polymer modified bituminous thick coatings for waterproofing.

### Packaging

**SOPRA PROOF RB** is available in 20 liter pails and 200 liter drums.

### Storage

**SOPRA PROOF RB** has a shelf life of 12 months when stored in original containers at between 5°C and 35°C.

### Technical Information

<b>SOPRA PROOF RB</b>	
<b>Form</b>	Liquid
<b>Appearance</b>	Brown/Black
<b>Density</b>	1030 kg/m <sup>3</sup> ± 2%
<b>Solid content</b>	55%
<b>Rubberized content</b>	10-12%
<b>Softening point</b>	165° C
<b>Application Temperature</b>	+5° C to +35° C
<b>Service Temperature</b>	-20° C to +75° C
<b>Drying time @25° C</b>	90 mins

### Coverage

<b>Use</b>	<b>Number of coats</b>	<b>Consumption (m<sup>2</sup>/ liter)</b>
Priming coat: (when required) Diluted with four parts water	1	6
Damp-proofing and protective coating of structures: Bridge abutments, retaining walls, culverts, concrete or brick foundations, concrete columns and beams.	2	2
Walls: internal or external	2	2
Roofs (with reinforcing scrim) felt, asphalt, lead, zinc, aluminum, concrete, timber, slate.	2	1.5
Vapor barrier	2	1.75

## Application Instructions

### a) Substrate preparation

The substrate should be free of standing water, curing membranes, oil stains, grease, paint, dust, wood and steel wires. The surface in which **SOPRA PROOF RB** will be applied should be repaired before applications with the appropriate materials, such as **SOPRA REPAIR** products or **SOPRA GROUT NS**.

### b) Mixing

Stir material before application.

\* Priming the substrate with diluted **SOPRA PROOF RB** mixture is highly recommended.

### c) Application

**SOPRA PROOF RB** is applied onto the prepared surface using a brush, roller, spraying machine or squeegee. In order to achieve durable finish it is recommended to apply at least two coats to seal any pores. Apply second coat after the first one is dry, at right angle to the previous coat. Prevent the material from building up too thick in one application, **SOPRA PROOF RB** can be applied on damp surface not wet.

### d) CLEANING OF TOOLS

Tools and application equipment should be cleaned with water immediately after use. Hardened material can be removed using solvents.

## Precautions

**SOPRA PROOF RB** is non-hazardous material. It should not be swallowed or come in direct contact with skin or eyes. Suitable protective glasses and gloves should be worn during application. In the case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice if irritation occurs. When contact with skin occurs, wash off immediately with clean water and soap. If swallowed, seek medical emergency immediately, do not induce vomiting. This product is non-flammable.

## Technical Support

**Sopra** provides on-site assistance and consultation services on projects if required. Technical Datasheets on other **Sopra** products and guidance on their use are available on request or on our website.

## Warranty

The information relating to the application and end-use of **Sopra** products, are provided in good faith based on **Sopra's** current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with **Sopra** recommendations. In practice, the differences in substrates and actual site conditions are such that no warranty in respect of sale for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must do their test to insure that the product is suitability for the intended application and purpose. The company reserves the right to change the properties of its products without prior notice.