

SOPRA FOUNDATION WB

Description

SOPRA FOUNDATION WB is a water-base bitumen emulsion blended with special resins which dries to produce a firm, joint-less waterproof and protective membrane. **SOPRA FOUNDATION WB** is used as general waterproofing, damp-proof membrane and vapor barrier for concrete, masonry, cement bricks and wood.

SOPRA FOUNDATION WB is used as a primer for bitumen membranes.

Recommended Uses

SOPRA FOUNDATION WB is suitable for the following applications:

- Retaining walls
- Basements
- Foundations
- Columns

Features and benefits

- Easy Application.
- Low cost, Water-base.
- Solvent free (Low VOC).
- Water vapor impermeable.
- No heating required.
- Adheres firmly on most building surfaces
- Multipurpose, used as protective coating and curing membrane
- Resistance to chloride and sulphate ions.

Standards Compliance

SOPRA FOUNDATION WB complies with ASTM D 1227-2 Class 2 and BS 6949:1991 requirements for bituminous coating.

Packaging

SOPRA FOUNDATION WB is available in 20 liter pails and 200 liter drums.

Storage

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

Technical Information

SOPRA FOUNDATION WB	
Form	Liquid
Appearance	Black/dark brown
Density	900 kg/m ³ ± 2%
Coverage (Approx.)	2 m ² / liter
Application Temperature	+5° C to +35° C
Service Temperature	+5° C to +80° C
Drying time @25° C	120 mins
Solid Content	60% ± 5%

Application Instructions

a) Surface preparation

The surface should be free of standing water, curing membranes, oil stains, grease, paint and dust. The surface in which **SOPRA FOUNDATION WB** 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

* If the application surface is very porous **SOPRA** recommends diluting **SOPRA FOUNDATION WB** with water with a ratio of 1:1 for the first coat to insure the material penetration.

c) Application

SOPRA FOUNDATION WB is applied onto the prepared surface using a brush, roller 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 FOUNDATION WB** 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 FOUNDATION WB 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.