

CAT No. WP-18-2106

BITUPRUF SB

Rubber-Modified Liquid Bituminous Waterproofing

BITUPRUF SB is a one component, rubber-modified, solvent-based bitumen especially formulated for waterproofing of concrete structures and mineral substrates. When cured, it adheres firmly to the applied surface and forms an elastomeric barrier against penetration of water.

USES

- Waterproofing of concrete structures above or below ground
- In frequently wet areas such as bathroom, kitchen, balcony.
- Vapor barrier coating for walls and floor.
- Maintenance of existing roofs, masonry and concrete Walls

ADVANTAGES

- Cold applied liquid.
- Provides a seamless waterproofing layer.
- Elastomeric coating with high elongation.
- Perfectly adheres to all kind of substrates including damp surfaces.
- Capable of withstanding severe expansion, contraction and deck movement
- Bridge cracks in concrete.

TYPICAL PROPERTIES

1. Specific Gravity	-	1.21 ± 0.02 gm/ml
2. Touch Dry	-	4 – 6 Hours
3. Second Coat	-	After 24 Hours
4. Full cure	-	7 days
5. Solid Content	-	67 ± 2%
6. Water Vapour transmission (ASTM E96)	-	0.18 g/m ² /24hrs
7. Elongation (ASTM D412)	-	> 1000 %
8. Tensile Strength (ASTM D412)	-	1.6 N/mm ²
9. Resistance to Humidity (BS EN ISO 6270-2-2018)	-	No blisters, cracks or peel off observed
10. Application temperature	-	+ 5 °C to + 45 °C

DIRECTIONS FOR USE

Surface Preparation:

The surface must be thoroughly cleaned and preferably dry, free from dirt, gravel, dust, oil, coatings and other foreign matters. Concrete shall be at least 28 days old, fully cured and dry. All repairs and cracks should be repaired using the proper cementitious mortar prior to application.

Product Application:

BITUPRUF SB is ready to use and requires no heating. Stir well before using. Apply with paint brush or roller. It dries within 4-6 hours depending on the weather conditions. It should not be applied in rainy days or within the temperatures lower than +5 °C. Second layer must be applied after first layer is completely dry. For applications that require higher durability against water pressure or on cracked surface, it must be reinforced with fiber glass, polyester felt, reinforcing fabric etc.

COVERAGE:

Approximately 0.8 to 1 liter / m² (550-700 microns DFT). Two coats recommended.

STORAGE:

Store under cover, protect from direct sunlight.

PACKING:

Available in 5 and 18 Liter packs.

SHELF LIFE

Shelf life is up to 12 months in unopened container when stored as directed.

HEALTH & SAFETY:

Chemicals should always be handled with caution. Always wear rubber gloves and eye protection when handling. Accidental splashes to the skin should be immediately washed with soap and water. Splashes to the eyes should immediately cleaned with water. If eye irritation persists, seek medical attention. Refer to MSDS for more information.

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Technical information, data are to be considered as typical values and not sales specification. Actual measured values may vary due to factors beyond our control. Indications concerning function and application of the products are empirical. Although the information is believed to be accurate, there is no warranty by ISOLA. None of the recommendations becomes part of the warranted quality of the products. Due to the fact that the conditions of individual use are beyond ISOLA's direct and continuous control, ISOLA disclaims all responsibility in connection with the use of its products and does not warrant against any loss direct or consequential

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