

B2Roof LAM BT

Highly Elastomeric Bituminous Modified Waterproof Coating

Description

B2Roof LAM BT is a single-component scientific blend of synthetic resins, selected minerals, and fillers based on Bitumen modified elastomeric waterproof coating. **B2Roof LAM BT** is suitable as a protective and waterproof coating. It is a high-performance coating that dries to an elastic, flexible, impermeable waterproof membrane.

Advantages

- Easy and direct (cold applied) application, no preheating required.
- Joint less and seamless coating.
- Provides an impervious waterproofing membrane that protects the concrete structure and brick foundations against chloride and sulfate ions present in soils and water.

Recommended Applications

- Useful as a waterproof coating on concrete and brick foundations, retaining walls, podiums, etc.
- Can also be applied to timber, metals, etc.
- Damp-proofing of regular concrete and masonry structures.
- Can be easily applied on surfaces like concrete and asbestos as it easily takes the contours of the surface.
- For waterproofing and protection of structure, Concrete, columns and beam.

Supply

20 Kgs Pails.

Application

Surface Preparation: The application surface must be clean and free from dust grease and loose particles. All the cracks should be treated with suitable crack filler or PMM (Polymer Modified Mortar) based on the nature and size of the cracks. All potholes' undulations and corners need to be treated well before application.

In any conditions never use **B2Roof LAM BT** on damp surfaces. The surface should be dry.

Priming:

Apply one coat of **B2Roof LAM BT** diluting 1kg **B2Roof LAM BT** With 2lt water on the well- a prepared surface.

B2Roof LAM BT should be stirred well before use.

It is recommended that 1-2 coats should be applied depending upon the degree of protection required after the primer coat.

B2Roof LAM BT can be applied with a Brush, roller, or spray.

Method of Application

After the primer coat is completely dried clean with a dry cloth to remove any dust or fine particles and apply two coats of **B2Roof LAM BT**. Apply the 1st Coat as directed and allow it to dry. It is recommended to apply the 2nd coat after the 1st coat is totally cured.

For better results use Glass Fiber Reinforcement embedded into 1st coat of **B2Roof LAM BT** while still wet. All brushes and tools should be cleaned with water immediately after use

Coverage

The minimum recommended coverage of **B2Roof LAM BT** is 1.2 kg / Sqm. In 2 coats. Which will typically give 550-650 microns DFT it is recommended to apply **B2Roof LAM BT** in 2 coats.

Coverage depends on the porosity of the surface and the method of application.

Storage & Shelf Life

Shelf life is up to 18 months from the date of manufacturing if stored below 25 °C. If unopened, stored under cover, protected from direct sunlight and high temperature. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

Health & Safety

As with all construction chemical products caution should always be exercised. Protective clothing such as gloves and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting but call for medical assistance immediately.

Technical Specification

PROPERTIES	VALUES	TEST STANDARDS
Color	Black	-
Consistency	Thixotropic Paste	-
Density	1.00 ± 0.05 g/ml	ASTM D 1475
Solid Content	56 ± 5%	ASTM D 1644
Viscosity (SPL7, RPM20)	40000-50000 CPs	ASTM D 2196
Tensile Strength	0.51 N / mm ²	ASTM D 638
Tear Resistance	10 N / mm	ASTM D 624
Shore Hardness (Shore A)	40 A	ASTM D 2240
Elongation at Break	> 1000%	ASTM D 412
Permeability	NIL	IS: 2645-1975
Crack bridging ability	≤ 2 mm	ASTM C 836
Water Vapor Transmission	0.46 g- hr / m ²	ASTM E 96
Set to Touch Time	3 - 4 hours	-
Full Cure	24 hours	-
Service temperature	5°C to 50°C	-

All values given are subject to 8-10% Tolerance

Version 24175

For professional use only. Keep out of reach of children.

This Information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility.