

BONDFLEX EWB

ELASTOMERIC WATERPROOFING PAINT

Product Description

Bondflex EWB Elastomeric Waterproofing Paint is a high performance UV resistant water based coating formulated based on 100% Acrylic Emulsion for use as waterproofing paint on walls and roofs. It possesses outstanding exterior durability and excellent elasticity and elongation properties necessary to bridge forthcoming hairline cracks without cracking or wrinkling. Highly recommended for the waterproofing of roof deck, concrete gutters, toilet and bath, G.I. Roofing and Roof tiles and as protective coating for Polyurethane Foams

Features

- Easy to apply
- Low Dirt Pick-up
- High Elongation
- Wide variety of Colors

Application areas

- Waterproof of Facade
- Toilet and Bath
- Firewalls
- GI Roofs

Processing Data

Mix Ratio (by volume)	Single Component	
Gel Time at 30 °C	45 minutes	
Coating Interval	Min.	2 hours
	Max.	24 hours
Full Cured	24 hours	
Rain Stability Time	4 hours	
Pot Life	2 hours	

Technical / Performance Data

Colors	White, Gray, Beige or any color
Elongation	300-500% ASTM D412
Hardness	Type A 20-24 ASTM D 2240 (15")
Tensile Strength	1.5-2.0 N/mm ² ASTM D412
Adhesion	100% Retention ASTM D3359
Dirt Pick-up Resistance	70%
RD	089
Solid by Volume	45±3%
Light-Heavy Pedestrian Traffic Time	24 hours cure time Conditions: 20°C, 50% R.H
Crack Bridging	1-2mm cracks
Fungus & Mildew Resistance	No Growth ASTM D23273
VOC	69.7 g/L
Thickness	1 mm DFT Required

Procedure & Guidelines

SURFACE PREPARATION GENERAL

All surfaces must be thoroughly cleaned to remove dirt, grease, mill scale, loose rust, chalk, and any other contaminants that can reduce adhesion.

CONCRETE / MASONRY

Cure for at least 28 days before application. Remove loose or excess mortar, efflorescence, laitance and concrete form release compounds that reduce adhesion. Etch or abrasive blast polished or glazed concrete before use on floors.

PREVIOUSLY PAINTED SURFACES

Scrape loose, scaly, peeling paint and sand the edges smooth. If the paint is glossy, sand to dull the surface. Remove any rust and scale from ferrous metal. If mildew is present, remove completely by sterilizing the surface with mildew remover and detergent. Rinse well and allow to dry before painting.

BONDFLEX EWB

MIXING

Mix the BONDFLEX EWB thoroughly with mechanical mixer. Assure material consistency.

APPLICATION

Prime the surface with a layer of Sealbond Deep Penetrating Sealant or Sealbond Concrete Acrylic Sealer for at least 4 hours.

Application with Mesh:

Subsequently applied the first coat of BONDFLEX EWB membrane, roll out and press Sealbond Mesh Reinforcing Material while it is wet. Allow coat to dry for at least 2 hours depending on whatever conditions. Apply intermediate coat to completely fill the Sealbond Mesh. Continuously apply coat to create the required thickness and let it cure overnight (24 hours).

3 Coat System

Apply Sealbond Deep Penetrating Sealant or Sealbond before applying BONDFLEX EWB. Apply 2nd coat and let it dry. Apply 3rd Coat and Final Coat and let it cure overnight (24 hours).

Galvanized Iron Roofing

Apply Sealbond Epoxy Zinc Chromate Primer (for new G.I.) or Sealbond Epoxy Red oxide Primer (for old G.I.). Allow drying overnight. May be reduced with Sealbond Epoxy Reducer if necessary. Apply three (3) coats of Bondflex Elastomeric Waterproofing Paint. Allow an undercoating interval of at least 2 –4 hours.

Theoretical Coverage

Waterproofing weight
48-60 m²/ pail/ coat.
~200-250μ DFT

Product is manufactured based on International Environmental Regulations

BONDFLEX EWB is a green revolution product in waterproofing solutions.



Health & Safety

Please wear rubber or plastic gloves to avoid contact with skin. Please refer to MSDS for other safety information.

Product is for Professional use only.

Storage/ Packaging

BONDFLEX EWB is available in 16 L pail

This product must be stored dry, protected from sun and rain. No waterproofing works should be performed if weather is unsuitable. These includes heavy rain and moisture

Product Limitation

Product should not be applied directly to the substrate that shows any hydrostatic pressure problems that may later cause disbonding.

Additional Information - Disclaimer

The information and in particular, recommendations relating to the application and end-use of Sealbond products, are given in good faith based on Sealbond's best knowledge and specialty on construction chemical formulations. Products are properly stored and handled in accordance with Sealbond's endorsements. Hence, subject to the care and method of application, deviations (from published values) in performance may occur. In practice, to different materials used, as well as varying working conditions and environments beyond our control Sealbond Chemical Industries Inc. strictly recommend carrying out intensive trials to test the suitability of the product with regards to the required processes and applications. Therefore, any liability for such recommendations or any oral/verbal advice is expressly excluded unless we have acted wilfully or by gross negligence. Sealbond Chemicals Industries Inc. is not liable for installation or faulty installation. It is always the responsibility of the installer/applicator/purchaser to guarantee and certify the installation of materials.

All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the Product Data Sheet for the product awareness, copies of which will be supplied on request and is free of charge.



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Waterproofing Products