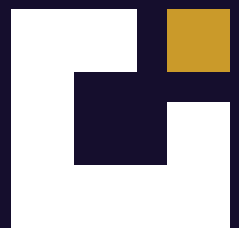


Carbolink's Solutions for Waterproofing  
**Elastobond BTB**



**Waterproofing Product  
Specifications & Technical  
Data Sheets(TDS)**

India's Most Preferred  
Construction Chemical Manufacturing Brand



**Carbolink India Pvt. Ltd.**

[WWW.CARBOLINKINDIA.COM](http://WWW.CARBOLINKINDIA.COM)



# Carbolink India Pvt. Ltd. COMPANY PROFILE



For years, Carbolink India has been the Quality Leader in offering excellent Construction Chemical Products with Supreme Quality and Reliability.

Carbolink India Manufactures Industrial Flooring(Epoxy & PU Flooring), Decorative Flooring, 3D Flooring, Waterproofing Systems, corrosion protection, wood coatings, etc. which cater specifically to the Indian climate. With manufacturing facility in India, Carbolink India manufactures and supply Materials all through the country. Carbolink's commitment to customer service and technical support is the best. We work closely with architects, structural engineers, contractors and owners to best understand their requirements. Together we develop a best solution for a construction project, adding value and becoming more than just a materials supplier, but a solution provider.

With the support of our multinational manufacturing group, Carbolink India today has support centers across the country, strategically placed to provide consistent high standards of product and service.

Our Product Range:

- Anti Corrosive Coatings
- Car Park Flooring
- Curing Compounds
- Decorative Flooring
- Floor Hardner
- Grouts & Anchors



- Industrial Flooring
- Repairing Compunds
- Sealants
- Sports Flooring
- Tiling Products
- Wood Coatings



# Waterproofing

Waterproofing is the process of making an object or structure waterproof or water-resistant, so that it remains relatively unaffected by water or resisting the ingress of water under specified conditions. Such items may be used in wet environments or under water to specified depths.

Water resistant and waterproof often refer to penetration of water in its liquid state and possibly under pressure, whereas damp proof refers to resistance to humidity or dampness. Permeation of water vapor through a material or structure is reported as a moisture vapor transmission rate.

Waterproofing is used in reference to building structures (such as basements, decks, or wet areas), watercraft, canvas, clothing (raincoats or waders), electronic devices and paper packaging (such as cartons for liquids).

Carbolink manufactures a full range of world class Waterproofing systems providing the most up-to-date technologies. Carbolink India is a leader in tailored Waterproofing Solutions.

Here is our Technical Description of Elastobond BTB :





## Elastobond BTM

### 1K Elastomeric Modified Polyurethane Liquid Membrane

#### DESCRIPTION

Elastobond BTM is high performance, water based, cold applied, single component elastomeric in-situ coating. Elastobond BTM is UV resistant. This unique system is ready to use PU modified emulsion. It complies with ASTM C-836.

#### ADVANTAGES

- User friendly, Non-toxic, Green product.
- Better elongation.
- Better flexibility than TarFelt LM.
- Can be applied on moist surface also.
- Excellent water vapour barrier.
- Ideal for waterproofing of terrace / roof garden / industrial floors.

#### APPLICATION

- Roof / Terrace including corrugated roofs and difficult geometrical shapes like domes.
- Podium.
- Car parking.

#### APPLICATION METHODOLOGY

- Remove dust, flakes, or other foreign particles by jet or dry air and clean the surface mechanically or by grinding to make it smooth before application.
- Prime the surface with the mixture of Elastobond BTM and water in 50 : 50 ratio and apply @ 400 gms / m<sup>2</sup>
- Allow it to dry completely. Slightly damp surface will help coating.
- Apply Elastobond BTM by brush or roller on primed surface @ 1 kg / m<sup>2</sup> as first coat.
- Spread polyester fleece / 50 gsm non-woven Geo Textile over the first coat with 50 mm overlap in both directions.
- Allow the first coat to dry with polyester fleece / non-woven 50 gsm Geo Textile on top.
- Apply second coat of Elastobond BTM @ 1 kg / m<sup>2</sup> or as required to get thickness of 1.5 mm.
- Do not apply if rain is expected within 24 hours.

#### CHARACTERISTICS

Appearance of dry film	White / Grey / Green / Black
pH	Alkaline
Specific Gravity @ 30 °C	1.35 ± 0.01
Theoretical Coverage @ 1.2 mm DFT	2.20 kg/m <sup>2</sup>
Elongation, %	> 500
Water Absorption, %	0.5 – 0.8
Drying Time, minute @ 27 °C, 55% RH	40-50 for each coat depending on climate
UV Resistance	Good
Instant Hardness (Shore A)	35-40
Elastic Recovery @ 150% elongation, %	70-75
Temperature Resistant, °C	- 20 to + 100
Application Temperature, °C	< 5

#### HEALTH & SAFETY

- Use mask, nose cover and hand gloves during application.
- Clean hands with soap water after application.

#### PACKING

Available in 25 kg and 250 kg pack.

#### STORAGE AND SHELF LIFE

Keep in a cool and dry place under shed away from heat. The shelf life of product is 9 Months in original unopened sealed condition.

**CONDITIONS OF SALE**

Sold subject to the Company's conditions of sale which are available on request.

**NOTE**

The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our Company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.

**India's Most Trusted  
Construction Chemical Manufacturing Brand**



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