



6052

Bitumen and Cement Based Double Component Waterproofing Material



Product Code : 6052
Quality Certificates
 The product conforms to the DIN 18195 standard

Description: Cement and elastomeric resin supported bitumen emulsion based, double component, elastic, long lasting, waterborne waterproofing material that is thixotropic, flexible when cured and has high adherence. It dries quickly and generates a water insoluble, elastic layer that is resistant to water and moisture by being strongly bonded to the surface.

Application Areas: Indoor and outdoor, horizontal and vertical surfaces, protecting and isolating groundwork, retaining walls and curtain walls, places such as basement and cellars, underneath the coatings in terrace insulation.

Advantages:

- Economical
- Provides good adherence on dry and slightly moist surfaces
- High performance in waterproofing
- Permanently elastic, fills capillary cracks
- Provides seamless and jointless waterproofing
- Resistant to positive water pressure
- Safe to use indoor since it does not contain flammable and poisonous materials
- Resistant to salts and weak acids
- Plaster and mortar can be applied on it, provided that it is sandblasted. Easy to prepare and apply. Covers shrinkage cracks easily Thermal insulation plates such as EPS, XPS can be bonded directly on Bitumen and Cement Based Double Component Waterproofing Material.
- Cold applied, dries quickly,.

Preparation of the Surface: The application surface has to be cured. The application surface must be clear of materials that prevent bonding, such as dust, oil, paint, curing agents, detergents, mold release oils and silicone. Weak parts of the concrete must be removed, iron and wooden wedges must be demounted, active water leakages and cracks must be repaired. Sections that tend to crack such as sharp edges and horizontal/vertical joints must be rounded by

beveling. For a better bonding of Bitumen Based Primer and Water Isolation Material on the surface, Bitumen Based Primer and Water Isolation Material is applied on the surface as a single coat, prior to the application. The primer must be dry before the application.

Mixture: 8 Kg A component (Powder) is slowly added into 22 Kg B component (in its own packaging). It is mixed with a low speed mixer until it becomes homogenous without adding water. The mixture should be consumed within 1 hour.

Application Information: Applied cold. The material is mixed with a mixer at low speed and is applied on the surface with a bitumen brush, trowel or a spraying machine, in two coats. Dries in 4 - 5 hours depending on the weather conditions. Second layer must be applied after the previous coat gets dry. Reinforce it with supporters such as felt, mesh against water pressure. It must be protected against damages until it is covered

Consumption: 1 - 1.5 kg/m² on each layer (with trowel)

Packaging: Sets of 32 kg plastic buckets (Liquid component in plastic bucket of 24 kg and powder in bag of 8 kg)

Shelf Life: Unopened packages can be stored for 12 months. Stir well before use. Protect it against frost.

Health and Safety: As with all chemical products, contact with food, skin, eyes and mouth should be avoided during usage and storing. If swallowed by accident, consult a doctor. In case of contact with skin, rinse immediately with plenty of water. Keep out of reach of children.

Technical Properties

Appearance	: A : Grey colored fine powder, B: Black colored emulsiyon enhanced with elastomeric polymer resin additive
Density	: A : ~1,40 kg/L, B : ~1,03 kg/L
Mixture Density	: ~ 1,20 kg/L
Mixture Rate	: 24 kg Liquid / 8 kg powder
Application Temp.	: Between +5°C and +35°C
Pot Life	: ~ 1 hour
Curing Time	: Dry to Touch: 1 hour, Complete Drying: 5-6 hour, Test: 8 days
Service Temp.	: -10°C / +80°C

Application instructions and technical data provided for the products are obtained in line with our experience and the tests we implemented according to international standards under ambient temperatures of 23 ± 2 °C and ambient relative humidity conditions of 50% ± 5. Higher temperatures decrease the times and lower temperatures increase them.

