



6051

Bitumen Based Elastic Water Insulation Material (Waterborne)



Product Code : 6051

Quality Certificates

The product conforms to the DIN 18195 standard.

Description: A modified bitumen based, single component, waterborne and elastic water isolation material.

Application Areas: Indoor and outdoor, horizontal and vertical surfaces, lower floors of buildings such as groundwork, cellar, basement, underneath the coatings in terrace insulation.

Advantages:

- Economical, ready to use.
- Bonds perfectly on all types of surfaces.
- Provides seamless and jointless water insulation.
- Resistant to positive water pressure.
- Safe to use indoor since it does not contain flammable and poisonous materials.
- Permanently elastic, fills capillary cracks.
- 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.

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: 1kg/m² (Varies depending on the condition of the surface. It is recommended to apply at least two coats..)

Caution: Avoid application in temperatures below +5°C and above +35°C. Avoid application on frozen areas, on areas under risk of freezing in 24 hours or on areas open to direct sunlight or wind. Do not add water. Bitumen Based Primer and Water Isolation Material is not suitable for potable water tanks, swimming pools insulation. Double Component Perfectly Elastic Isolation Material is recommended for these types of surfaces.

Packaging: 15 kg plastic containers

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	: Black colored elastomeric polymer resin supported emulsion
Liquid Density	: ~1,03 kg/lt
Application Temperature	: Between +5°C and +35°C
Solid Content	: 55%
Softening Temperature	: +70°C
Drying Time	: Dry to Touch :60 Min, Complete Drying Time : 5-6 Hours, Test: 8 Days

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.