

CORUNEX

INDUSTRIAL WATER
PROTECTION

TECHNICAL DATA

BITUMEN PLUS Single
component 1000% Elastic
Bitumen Based Liquid
Membrane



PRODUCT DESCRIPTION

BITUMEN PLUS is a single-component, ready-to-use liquid membrane based on modified bitumen and solvents, used against water and humidity. After the solvents in its structure evaporates, it adheres strongly to the surface it is applied to, forming a water-resistant and super elastic layer.

AREAS OF USE

- In foundations against ground moisture and leaks,
- In retaining and curtain walls,
- In galleries, drainage and foundation piles,
- On reinforced concrete terrace roofs,
- On balconies, in water channels and hidden streams,
- It is used under the coating to insulate pools against water and moisture.

PRODUCT FEATURES

BASE : Modified Bitumen

SOLVENT : Solvent

COLOR : Black CONSISTENCE : Thick Liquid

DENSITY : 0.98 g/cm³

SOFTENING TEMPERATURE : +85°C

APPLICATION TEMPERATURE : Between +5°C and +35°C

APPLICATION METHOD : By brush, roller or spraying

SOLID CONTENT RATIO : 70%

ELASTIC INITIAL DRYING : 2 hours

FINAL DRYING : 4 hours

TEST DRYING : 24 hours

APPLICATION

The application surface must be dry and clean, the surface must be cleaned of dust, dirt, rust and oil and loose parts must be scraped off. Areas that are prone to cracking such as sharp ends and horizontal/vertical joints must be rounded by beveling. Large pores and cracks must be filled with JOINT FILLER.

BITUMEN PLUS is applied only to the side of the application area that is in contact with water. It is a ready-made material. It does not require heating or thinning. It can be applied with brush, roller, rake or pressureless sprayer. Although BITUMEN PLUS dries in a short time of approximately 2 hours, in cases where multiple layers are to be applied, one day should be waited between layers. In cases where it is required to withstand higher pressures, excellent results can be achieved by reinforcing it with carriers such as fiberglass, felt, mesh, and insulation cloth.

PACKAGING AND CONSUMPTION

- It should be applied in at least two layers, with 600 g/m² in each layer.
16 kg metal box.
-

STORAGE

- It should be protected from adverse weather conditions.
- It should be stored in a dry, cool, closed environment (+10 o C and +25 o C).
- The opened and mixed product should be consumed immediately.
- It has a shelf life of 12 months in its unopened packaging, in dry places at a minimum temperature of +5 °C.

WARNINGS

Since it contains flammable substances, smoking, lighting of fire and using of spark producing devices (fan etc.) is prohibited during application (S 16). Since it releases toxic gas until it dries, when it is used in closed areas, forced ventilation should be provided and health precautions should be taken. (S 26–23) Do not leave the bucket lid open. (S 7) Do not expose to direct sunlight and heat. (S 315) Keep out of reach of children. (S 2) Eyes and skin should be protected in all works with chemical substances. (S 3405) Since this technical bulletin has been prepared considering general conditions, please obtain written information for details that are not sufficient above. Otherwise, errors arising from lack of information do not impose any liability on our company. This technical bulletin invalidates previous bulletins related to this product.