

Non-ionic bituminous emulsion for priming surfaces.

BETUPREM is a water soluble, single component, non-ionic, bituminous emulsion, specially designed for priming surfaces subsequently treated with sheets or asphaltic products, and for treating vertical walls, foundations and structures in public works and building.

FIELDS OF APPLICATION

- Superficial protection against humidity in buried concrete structures such as walls, structures, foundations or ducts in public works.
- Primer for surfaces which subsequently are going to be treated with sheets or asphaltic products, in hot or cold.
- Primer for expansion joints before filling with asphaltic sealing materials.
- Impregnating geotextiles, meshes, glass veils, etc.

PROPERTIES

- Easy to apply and excellent workability.
- Odourless and non-inflammable product.
- Good adherence to construction materials.
- Weather resistant
- Resistant to the alkalinity of the cement.
- Free of COVs.

HOW TO USE

Preparing the substrate:

The substrate on which the **BETUPREM** is going to be applied must have a cohesive, clean surface, free of dust and other substances (oils, lime, etc.) which could damage the adherence or reduces its properties. It can be applied to slightly damp surfaces.

Mixing:

Mix the product in its packaging with the help of a low revolution electrical stirrer.

Application:

BETUPREM can be applied in a pure state or diluted in water up to one (1) part of water to three (3) of the product.

Spread with the help of a roller, brush, fine brush or air-less gun, and try to impregnate the pores well. It may be necessary to apply a second layer depending on the condition and absorption power of the substrate. Leave each layer to dry completely before applying the next one, approximately 24 hours, depending on the degree of humidity and the ambient temperature.

Tool cleaning:

The tools are to be cleaned as soon as they have been used, with water only. Once hardened, it can only be removed mechanically.

COVERAGE

The approximate amount of **BETUPREM** depends on the type of application, and can vary between 250 and 500 g/m² of pure product.

For superficial protection against humidity in buried concrete structures in public works, two layers of an approximately final coating must be applied between the two layers of 0.5-0.75 kg/m² depending on the purpose of the substrate.

PACKAGING

20 kg drums

STORAGE

12 months, in its original closed packaging, in a cool, covered place, protected from humidity and sunlight and at a temperature between +5 °C and +35 °C.

INDICATIONS TO TAKE INTO CONSIDERATION

- When you have finished using the products, close the containers well to prevent water evaporation.
- It is advisable to apply the product at temperatures between +5 and +35°C, and also to avoid using it in adverse weather conditions.
- The treated surface must be protected from the action of direct sunlight.
- When applied indoors it is advisable to ensure good ventilation to help a correct curing.
- Not suitable for applications where it is going to be in contact with solvents or fuels.
- Do not use as a waterproofing system.

TECHNICAL DATA

Product base	Non-ionic bituminous emulsion
Colour	Dark brown
Density (25 °C)	1.05 ± 0.05 g/cm ³
Water content	55 ± 5 %
Ash content	20 ± 5 %
Application temperature	+5 °C to +35 °C
Flammability	Null
Drying time (20 °C)	< 24 hours
Content in VOC	< 1000 µg/m ³

HEALTH AND SAFETY

All the information about conditions of usage, use, storage, transport and removing chemical waste is available on the product Safety Data Sheet.

The product and its packaging must be disposed of according to current legislation and it is the responsibility of the product end user.

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LEGAL NOTICE

The data contained in this document are based on our experience and technical knowledge, gained during laboratory assays, and our bibliography. We will not be responsible for any other product applications not indicated in this file. The dosage and consumption data are only guidelines, based on our experience, and may alter due to atmospheric or on-site conditions. For correct dosage and usage amounts, it is necessary to conduct a trial or assay "in situ", for which the client is responsible. If you have any doubts or require additional information, please contact our Technical department. February 2018.



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