

IDROVAL COAT

Water based bituminous glue

DESCRIPTION

IDROVAL COAT is an adhesive product, based on bitumen modified with synthetic polymers, for bituminous membranes and insulating panels.

The product is completely free from organic solvents, therefore with a quite reduced environmental impact.

APPLICATION FIELD

IDROVAL COAT is an adhesive product suitable for the horizontal application and vertical joints of bituminous membranes and insulating panels, within 40 - 50 cm height, when it's not possible to use flame or any common solvent based glue.

TECHNICAL CHARACTERISTICS

APPEARANCE: **fluid, viscous**

COLOUR: **brown**

pH: **11 ± 0,5**

TIME OUTSIDE DUST (according to environmental conditions): **90 minutes**

DENSITY AT 20°C (g / cm³): **1,08**

DRY RESIDUE (%): **70**

SURFACE PREPARATION

IDROVAL COAT has an excellent impregnating capacity, nevertheless it's convenient to carefully clean the deck to remove dust, friable particles, foreign substances. The application has to be executed on a dry surface otherwise the drying time will be very much longer.

LAYING METHOD

IDROVAL COAT is to be laid with roll or brush, making sure a proper uniform application is carried out.

APPLICATION

The product is ready for use and as such absolutely not to be diluted with water or other solvents. Before laying the bituminous membrane, wait for the product to be out of dust, in order to reach the optimal adhesive level. Such condition can be easily checked by touch ascertaining that, in spite of water evaporation, IDROVAL COAT has become very sticky and will remain so in the time. In short, before laying the membrane you have to make sure that most of the water included in the applied product has evaporated. The necessary time of superficial drying depends on porousness of the deck and environmental conditions. Generally on a low porousness deck at 20°C, the membrane can be laid after 90 minutes. In case of very porous decks, at 20°C, the membrane can be applied even half an hour later.

Given the wide variety of decks and environmental conditions we suggest to make a preliminary test and check the necessary time to place the membrane.

The joints of the waterproofing membranes can be sealed using the product SHELL TIXOPHALTE or by flame.

CONSUMPTION

- 0,500 kg/m² for non-porous decks and without any alterations (membranes, panels);

- 0,500 – 0,700 kg/m² according to the decks' irregularity.

WARNING

IDROVAL COAT is to be applied on completely dry surfaces. Also, do not use the product on frozen surfaces, subject to the night rigors, or in rainy weather.

TOOL CLEANING

It's essential to wash with water before the product dries, otherwise IDROVAL COAT can be removed from tools with organic solvents only.

PACKAGING

5 – 20 kg. drums

STORAGE

The product, if stored in a dry and sheltered place with its integral package, remains stable for 12 months. Protect from frost. Store in temperatures between +5°C and +35°C.

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