



SINCE 1928

**Valli Zabban**  
WATERPROOFING SYSTEMS

# IDROVAL COAT PLUS

## Water based bituminous glue

### DESCRIPTION

IDROVAL COAT PLUS is a water based adhesive product, based on bitumen modified with synthetic polymers, for bituminous membranes and insulating panels. Thanks to its formulation it is highly resistant to water and ageing.

### APPLICATION FIELD

IDROVAL COAT PLUS 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. It is also used to execute and seal the overlaps of bituminous membranes.

### 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 / cm<sup>3</sup>): **1,08**

DRY RESIDUE (%): **73**

WATER ABSORPTION (after 24 h. of immersion in water): **9%**

Sd TRANSPIRATION (m x 1 mm thickness): **1,5**

### SURFACE PREPARATION

The product 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 PLUS is to be laid with roll or brush, making sure a proper uniform application is carried out. Overlap external seals to be executed with spatula or trowel

### 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 PLUS 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.

The use of IDROVAL COAT PLUS for the execution of the overlaps of polymer bitumen membranes requires the use of same for the external sealing. For the first 24 hours protect the external sealing of the overlaps from water, rain, snow. After 24 hours the sealing executed with IDROVAL COAT PLUS reach an excellent watertightness and durability.

### CONSUMPTIONS

- 0,500 kg/m<sup>2</sup> for non-porous decks and without any alterations (membranes, panels);
- 0,500 – 0,700 kg/m<sup>2</sup> for the execution of the overlaps
- 0,700 – 1 kg/m<sup>2</sup> according to porousness and deck irregularity.

### WARNING

IDROVAL COAT PLUS 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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Valli Zabban S.p.A. • Società Unipersonale • Capitale Sociale € 5.000.000 i.v.

Sede e Direzione Generale

50041 Calenzano (FI) Italy, via di Le Prata, 103 • tel. +39.055.328041 • fax +39.055.300300

[www.vallizabban.com](http://www.vallizabban.com) • [info@vallizabban.it](mailto:info@vallizabban.it) • [vallizabban@pec.it](mailto:vallizabban@pec.it)

C.C.I.A.A. Firenze N. 05476750483 • R.E.A. FI 549826 • Cod. Fisc. e P. IVA 05476750483

