

# BITULAC

Rev.01/2019

## DESCRIPTION

Water-based thixotropic bituminous sheath composed of selected distilled bitumen, synthetic polymers and mineral fillers that provide the dried product with excellent properties of impermeability, adhesion, elasticity, and weather resistance.

## USES

It is particularly indicated for waterproofing concrete surfaces such as roofs, terraces, canals, internal planters, foundation walls against ground; for protecting rustproof and waterproof metal surfaces such as pipes, gutters, carpentry varies underground; for sealing cracks, bonding roof shingles and similar things and all types of insulating panels to concrete, plaster, or other breathable surfaces to allow the drying of the adhesive; for repairing old bituminous membranes; such as primer dust for subsequent applications of hot bituminous sheaths.

## PREPARING THE SURFACE

Brush and dust, removing any flaky, dusty and oily residue and plant formations such as mosses, algae and lichens. The surface must be perfectly dry and well-seasoned.

Apply a consolidating appropriately diluted coat of SOLVEX and wait at least 18 hours before over-coating.

## APPLICATION

BITULAC can be applied by pure bristle brush, wool roller, brush or by spray with suitable airless equipment. It is suggested to not exceed a thickness of 1 mm for each coat to avoid very long drying times. Apply with temperatures between 10°C and 30°C. Do not apply on directly sunlit or cold surfaces, in the presence of strong wind, if rain is imminent or on days with high humidity.

For waterproofing: Apply a first coat as penetrating primer diluted with 20-30% water depending on surface absorption. Let dry and apply a second coat without diluting or at most diluted with 5% water.

For repairing and sealing cracks: remove the old material, dust and apply a coat of primer as above. Make a bituminous mortar composed of 40% in weight of BITULAC and 60% in weight of fine sand and seal. If holes or cracks are very deep, apply several coats of the product when the previous coat is completely dry. At critical points, namely subjection to particular mechanical stresses, it is possible to swamp the product applied with reinforcement.

## DILUTION

Add 20-30% water for the first coat, and max 5% of water for the second coat.

## TECHNICAL DATA

|                                    |                                      |
|------------------------------------|--------------------------------------|
| <b>PRODUCT</b>                     | Waterproof insulation                |
| <b>SPECIFIC WEIGHT</b>             | 1.20 ± 0.05 kg /L.                   |
| <b>VISCOSITY</b>                   | 27000 ± 5000 Brookfield cPs at 23 °C |
| <b>GLOSS</b>                       | Very opaque                          |
| <b>COLOUR</b>                      | Black                                |
| <b>RECOMMENDED THICKNESSES</b>     | 600-800 dry microns per coat         |
| <b>NUMBER OF COATS RECOMMENDED</b> | 2 coats                              |
| <b>RE-COATING</b>                  | 8-10 hours                           |
| <b>APPLICATION METHOD</b>          | Brush, roller or spray               |
| <b>THEORETICAL YIELD:</b>          | 1-2 sqm/l for two layers             |
| <b>DRYING TIME (at 23 ° C)</b>     |                                      |
| Tack                               |                                      |
| Touch dry                          | 2 hours                              |
| Deep dry                           | 18-24 hours                          |

## CLEAN TOOLS

Wash with water immediately after use. With DILUENTE N if already hardened.

## STORAGE

Keep away from heat, in a cool and ventilated place, protected from chills. To prevent the product from drying after opening the tin, stagnate a few millimetres of water on the surface.

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