

Bitulac

Description

Waterborne bituminous thixotropic roof coating, based on selected distilled bitumens, synthetic polymers and mineral fillers that give the dried product excellent characteristics of waterproofness, adhesion, elasticity, weather resistance.

Uses

Particularly indicated for **waterproofing** concrete surfaces, such as: roofs, terraces, conduits, inside of flowerpots, retaining walls; for **protecting** metal surfaces (pipes, gutters, underground carpentry) from water and rust; for **sealing** cracks; for **bonding** asphalt shingles and all types of insulating panels on concrete, plaster or other surfaces as long as transpiring (so as to allow for drying); for **repairing** old bitumen roll roofing; as an **anti-dust primer** for the subsequent torch-on application of bitumen roll roofs.

Surface preparation

Brush and dust to remove traces of friable, dusty, oily residues and plant formations such as moss, algae and lichen. The surface to be treated must be perfectly dry and seasoned. Prime with SOLVEX appropriately diluted and wait for at least 18 hours before overpainting.

Application

BITULAC can be applied by pure-bristle brush, wool roller, tarbrush or airless spray (with suitable machines). In order to avoid prolonged curing times, it is advisable not to exceed a thickness of 1 mm for each coat. Apply at temperatures between 10°C and 30°C. Do not apply on ice-cold surfaces, nor heavily exposed to sun, in presence of strong wind, in imminence of rain or with high environmental humidity.

For waterproofing: apply a 1st coat of product diluted with 20-30% of water, depending on substrate absorption. Allow to dry, then apply a 2nd coat of product, undiluted or diluted with max. 5% of water.

For repairing and sealing cracks: remove old parts, dust and prime as above. Prepare a bituminous mortar made of 40% (by weight) of BITULAC and 60% (by weight) of fine sand, then seal the cracks. If bores or cracks are particularly deep, the product must be applied in subsequent layers, ensuring that the previous layer has properly dried. On critical spots (i.e. subject to particular mechanical tension), it is possible to place a reinforcing mesh in the wet layer of product.

Dilution

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Add 20-30% of water for the 1st coat, max. 5% of water for the 2nd coat.

Cleaning tools

With water immediately after use. With DILUENTE N if curing has started.

Storage

24 months in sealed container, away from sources of heat, in a cool and ventilated place, protected from frost.

Technical data

PRODUCT	Waterproofing roof coating
SPECIFIC WEIGHT	1,200 ± 0,050 kg/l
VISCOSITY	16000 ± 4000 cP Brookfield at 23°C
GLOSS	Matt
COLOUR	Black
RECOMMENDED THICKNESS	600-800 dry µm for each coat
RECOMMENDED COATS	2 coats
RECOAT TIME	8-10 hours
APPLICATION METHOD	Brush, roller, tarbrush, spray
THEORETICAL YIELD	1-2 m ² /l for 2 coats
TOUCH-DRY (23°C)	ca. 2 hours
DEEP-DRY(23°C)	18-24 hours

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The aforementioned technical notions regarding the application and correct use of the product do not imply liability of Alcas Italia S.r.l. for use and application of the products themselves. Due to the unpredictable variability of application conditions, the USER must verify with direct tests the suitability of the product for each peculiar use. We reserve the right to modify the content of this document, without notification. As soon as a new version of these technical data sheet becomes available, this one won't be valid any longer.

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