



Barrel
180kg

17kg

5kg

General description

BITULAC is a mixture of special quality bitumen and organic solvents. It is recommended to be used as a cold bitumen-glow prior to installation of bitumen waterproofing membranes due to its powerful adhesive ability. It exhibits exceptional adherence with structural materials. The uniform membrane formed provides strong resistance to low concentration acid and base solvents and is not affected by subsoil salts. It is vulnerable to the use of petroleum solvents.

Applications

BITULAC is used for:

- Cold bitumen-glow for installation of bitumen waterproof membranes.
 - Anti-corrosive protection of metallic surfaces.
 - Waterproofing and protection of external concrete surfaces.
- Compatible with concrete, bricks, asbestos-cement, metal (it is not compatible with polystyrene due to its solvent content).

Application method

The application surface must be clean from dust, grease, rust, oil or other waste materials. The content of BITULAC container must be stirred well for its complete homogenization. It is applied with the use of a bristle brush or spray pistol in one layer prior to installation of bitumen waterproofing membranes. No heating is required. When used for waterproofing purposes, the application of BITULAC PRIMER is recommended prior to the application of at least one layer of BITULAC. The second layer must be applied crossing vertically to the previous one. The membrane formed should be coated with bitumen aluminum paint BITUAL, in cases that it is exposed to solar radiation. BITULAC can be diluted up to 20% with white spirit, kerosene or aromatic solvents, when it is used as pre-coating. Equipment used during application can be cleaned with white spirit or petroleum solvents.

Consumption

Consumption depends on the porosity and the texture of the application surface. Consumption per coating 0,3 – 0,4 kg/m² (concrete surfaces) and 0,15 – 0,25 kg/m² (metallic surfaces).

Packaging - Storage

- In 5 lt (5 kgs) metallic containers.
- In 20 lt (17 kgs) metallic containers.
- In metal barrels with a net weight of 180 kgs.

Must be stored in a closed environment protected from frost or intense heat sources and can last for a period of at least a year.

Precautions

BITULAC is very flammable. It is strongly recommended to be used far from ignition sources, open flame or intense heat sources and in well ventilated areas. Avoid inhalation of vapors as well as skin and eye contact. In case of eye or skin contact, use plenty of water and seek medical advice. Use the appropriate means of self-protection. In liquid form it pollutes water. It must not be disposed directly to the environment. It must be handled according to the respective environmental regulations.

Technical Specifications

Tests	Test Method	Limits
Density at 25 °C, gr/cm ³	ASTM D – 1475,	0,90 – 0,96
Evaporation residue, %	Evaporation	60 - 68
Flash point, °C	BS 3416 type I, class II	24 - 32
Surface, dry time, max, h		4
Resistance to water		The film remains completely adherent to the substrate
Resistance to corrosion		No visible rust or pitting
Bend resistance		No signs of cracking

