



20kg

10kg

5kg

General description

BITUMAC is a modified bitumen mixture with elastomeric additives, special resins, organic solvents and inert materials. It is bitumen mastic which is applied in temperature of environment and has very good adhesion to porous as well as to smooth surfaces. BITUMAC absorbs the usual deformations of the joint, which occur due to temperature contractions and expansions as a result of its thermoplastic properties. The material has 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

BITUMAC is used for:

- Sealing of horizontal and vertical cracks or floor expansion joints, buildings etc.
- It is used as additional sealing material in combination with installation of bitumen waterproofing membranes.

Compatible with concrete, brick, asbestos-cement, metal (it is not compatible with polystyrene due to its solvent content). Application at joints on surfaces bearing vehicle traffic is not recommended (BJS hot application technique is recommended).

Application method

It is applied on horizontal joints of ordinary width span and on vertical joints of narrow span. The application surface must be free of dust, oils and waste materials. When the application surface of the joint is not of bitumen base, BITULAC PRIMER should be applied first. In case of a larger width span of a joint, placement of an elastic lace (closed cells) is recommended for the right configuration and operation of the joint. It is applied in temperature of environment with the use of a spatula or an appropriate greaser. Equipment used during application can be cleaned with white spirit or petroleum solvents.

Consumption

Consumption is 120 - 130 gr/m for a 1x1 cm joint.

Packaging - Storage

In metal containers with a net weight of 5, 10 & 20 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

BITUMAC 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 or eye contact. In case of skin-eye contact, use plenty of water and seek medical advice. Use the appropriate means of self protection. 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	EN ISO 3838	1,15 – 1,30
Residue by evaporation, %	Evaporation	80 - 90
Flash point, °C, min	EN ISO 2592	30 - 35
Elongation at 25 °C, %	EN 13589I	30 - 35
Cohesion / adhesion properties at -10 °C and 80 °C	EN ISO 9047	11
Resistance to flow at 80 °C, mm	EN ISO 7390	
Resistance to hydrolysis	EN 14187-5	
Resistance to weathering (change of tensile modulus, %)	EN 14187-814187-8	

