



20kg

General description

BJS is a specially formulated hot applied polymer modified bitumen sealant. It can also act as a binder for asphaltic plug bridge joints. It has good adhesion to porous or smooth surfaces. The material remains elastic in temperatures varying from -20 °C to 80 °C. It has strong resistance to low concentration acid and base solvents. It is not affected by subsoil salts but is vulnerable to petroleum solvents.

Applications

BJS is used for:

- Sealing of horizontal joints, expansion joints of terraces, buildings, bridges etc.
- Sealing of road surface cracking.
- Joining of any compatible materials in road surface.

Compatible with concrete, light concrete, brick, asbestos-cement, metal.

Application method

The application surface must be free of dust, oils and waste materials. The material must be heated to 160 °C - 190 °C. The use of an oil piping system for heating is recommended. Repeated heating or exceeding the temperature of 220 °C, may result in permanent loss of the materials elastic properties. The container content must be stirred well for its complete homogenization. When the application surface of the joint is not of bitumen base, BITULAC PRIMER should be applied first. Placement of an elastic lace (closed-cells) is recommended for the right configuration and operation of the joint. Equipment used can be cleaned with white spirit or petroleum solvents.

Consumption

The consumption is 110 - 130 gr/m of 1x1 cm joint.

Packaging - Storage

In metal containers with a net weight of 20 kgs.

If the container remains sealed, it can last in storage for a period of two years.

Precautions

Special precautions should be taken as it is applied hot. Avoid inhalation of vapors as well as skin and eye contact. Use the appropriate means of self protection. It is not toxic and does not contain solvents.

Technical Specifications

Tests	Test Method	Limits
Density at 25 °C, gr/cm ³	EN 13880 - 1	1,15 – 1,30
Softening point, °C	EN 14272	≥ 85
Cone penetration at 25 °C, 150 gr, dmm	EN 13880 - 2	40 - 100
Resilience at 25 °C, %	EN 13880 - 3	≤ 60
Heat stability, cone penetration, dmm	EN 13880 - 4	40 - 100
Heat stability, resilience, %	EN 13880 - 4	≤ 6
Flow resistance 60 °C, mm	EN 13880 - 5	≤ 3
Compatibility with asphalt pavements	EN 13880 - 9	No failure in adhesion
Bonding strength, tensions, N/mm ²	EN 13880 - 13	≤ 0,75
Non-volatile content, min, %	EN 13880 - 13	No failure

