

Technical Datasheet

ISOMAC

Cold applied bituminous sealant

Description

ISOMAC is a plastomeric cold-applied bituminous sealant that consists of modified bitumen, special additives and organic solvents. It shows thermoplastic properties and excellent adhesion to a variety of substrates including concrete, metal, wood, polyurethane, etc.

After hardening, ISOMAC is resistant to low concentration acids and bases, and it remains unaffected by subsoils minerals.

Fields of application

ISOMAC is suitable for sealing horizontal and vertical joints on flat roofs, walls etc. Ideal for sealing joints in complex detail areas on concrete surfaces (gutters, connections, metal flashing/frames, vents, starter bars). Also it is used as an ancillary sealant on concrete surfaces in the installation of bituminous waterproofing membranes.

Technical data

Form:	high viscosity paste
Color:	black
Density: (EN 2811-1):	1.05-1.20 g/cm ³ (+20°C)
Residue by evaporation:	80-90%
Resistance to flow at 70°C: (EN ISO 7390)	≤ 2 mm

Cleaning of tools:

Tools must be thoroughly cleaned with gasoline or diesel, immediately after use.

Directions for use

Substrate must be clean, dry, free of dust and loose materials. For cement-based substrates, priming with the bituminous solution ISOLAC-BT is recommended.

ISOMAC is applied with a trowel in joints up to 2 cm wide and up to 1 cm deep. For joints wider than 2 cm, joint depth must be adjusted by using a polyethylene joint backer rod. Backer rod should be 20%-40% wider than the joint and depth should be equal or less than 1.2 cm.

When ISOMAC is used on surfaces exposed to UV radiation, it must be protected with the solar reflective aluminum coating ISOLAC-BT ALU. Temperature during application must be over +5°C.

Consumption

120-130 g/m of joint length, for joints 1 cm x 1 cm.

Packaging

1 kg, 5 kg and 20 kg containers.

Shelf life – Storage

12 months from production date in original, sealed packaging, in cool, dry and frost-free conditions, at temperatures above +5°C, away from heat and ignition sources.

Remarks

- ISOMAC is not resistant to organic solvents, oils and strong chemical detergents.
- ISOMAC contains solvents, thus is not compatible with polystyrene.
- Avoid breathing vapors and contact with eyes and skin. Use protective equipment during application. ISOMAC should be applied in well-ventilated areas. For more information, please consult the relevant Safety Data Sheet (MSDS).

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