

Hot-Poured Rubber-Bitumen Mastic



Sealing cracks and joints represents one of the most effective preventive maintenance jobs on road surfaces: stops water seeping into the non-bonded layers of the road structure, effectively avoids or reduces localised subsidence, elevation and deformations due to ice and thaw, pumping effect, etc...

The product

MASTIC 3 is a hot poured sealing compound made from a mixture of synthetic rubber, bitumen and adhesive agents.

Uses

- Filling horizontal joints between concrete slabs or hydrocarbon surfaces (road expansion joints and industrial flooring, joints between metallic structures and concrete).
- Filling cracks in concrete or hydrocarbon surfaces.

Properties

- True elastic properties.
- Good rigidity.
- Does not run at high temperatures ($\pm 60^{\circ}\text{C}$).

Preparation of the support

The joint/crack must be clean, dry and free from dirt.

To eliminate every residual of humidity with appropriate thermal nozzle to high temperature.

In case of dusty surfaces apply a bituminous primer.

Melting and applying compound

Melting is carried out in a oil bath smelter fitted with a stirring device and temperature control.

Pouring (Application) temperature: $\pm 160^{\circ}\text{C}$

Critical temperature: max 180°C for 2 h
Temperature maintained in melter: $150/170^{\circ}\text{C}$

Maximum time with maintained temperature: 6/8 hours.

Consumption

Consumption depends on joint/crack section.

For a joint with a section of 1 cm^2 , 180 g per running metre is required.

Storage

Unlimited. No particular precautions are required.

Packaging

MASTIC 3 is available in cardboard cartons of 24 kg.

Packaging

	Cartons per pallet*
Mastic 3	55

*The number of cartons per pallet may vary depending on the type of pallet.

Technical data

Technical characteristics	Value	TEST
Softening point	> 110°C	EN 1427
Cone penetration at 25°C	> 35 dmm	EN 13880-2
Heat stability / penetration at 25°C	> 30 dmm	EN 13880-4
Heat stability / Penetration and recovery at 25°C	> 50 %	EN 13880-4
Heat stability at 60°C for 5 h angle 75°	< 2 mm	EN 13880-5
Elastic recovery	90 %	UEAtc
Hardness	60 index	ASTM D 2240

The figures shown on this product leaflet can vary within a tolerance of $\pm 5\%$.
The manufacturer reserves the right to change product characteristics at any time without prior notice.