

SUPERSEAL MASTIC

Elastomeric, Rubberized Bitumen Sealant

Description

SUPERSEAL MASTIC is a single component, elastomeric solvent-based bitumen sealant. It has flexibility and elasticity in a wide range of temperature. It is formulated from selected grade of asphalt, high content of elastomeric rubber, reinforcement fibers, mineral filler, anti-sagging agent and fast evaporating solvent.

SUPERSEAL MASTIC can be used for sealing and waterproofing of joints and cracks. It has excellent adhesion, dries to a flexible black material which remains soft for a long-time application.

Features & Benefits

- Economical.
- Single component, ready to use product.
- Excellent adhesion and bonding properties.
- Flexible
- Stable at high ambient temperature.
- High mechanical properties.
- Resistant to bacterial attack.

Uses

SUPERSEAL MASTIC is used for

- Sealing low movement joints in concrete pavements, asphalt, bridges, building structures, etc.
- Sealing joints at waterproofing membrane termination grooves, filling gaps and sealing between brick work and roof flashing.
- Sealant for tiles, slates, manhole covers, around pipe entries, pipe joints, seawalls, subways and basement structures.
- Filling gaps and joints on roofs and wet service pipes.

Technical Properties

Appearance	Thick Paste
Color	Black
Density	1,150 Kg/m ³ approx.
Solid content	>80%

Movement accommodation factor	10%
Slump	Nil
Initial setting time	24-48 hours
Full cure	14-21 days (10mm)
Service temperature	0 to +80 °C
Application temperature	+5 to +40 °C
Chemical resistance	Sea water, chlorides and sulphate ions
Flash point	60 °C

All values are subject to 5-10% tolerance

Application Procedures

Surface preparation:

Joint substrate should be sound, clean and free from loose material, or chemical products, oil or grease.

Remove or round any sharp edges or corners in order to optimize the adhesion.

For very porous surfaces or very dry substrate, it is recommended to apply solvent based bitumen primer.

The primer should be applied by brush in a thin coat and allowed to become tack free prior to sealant application.

For neat and clean job, use masking tape around the joint edges before applying the sealant. Remove the tape immediately after the sealant is applied.

Repair any honeycomb, if exist, on sides and bottom of joint before applying the primer.

Mixing Instructions:

SUPERSEAL MASTIC is ready to use single component product that requires to stir the content of pail before application.

Application Instructions:

SUPERSEAL MASTIC can be applied by trowel, putty knife or scraper. sealant application should start from the bottom of the joint/groove and continued to the top. immediately tool the joint with the spatula or putty knife to smoothen and compress the sealant to effect total contact with joint surfaces. the putty knife shall be moistened with a cleaning solvent to prevent the sealant

to adhere to the knife and ensuring a smooth and neat finish.

SUPERSEAL MASTIC is not recommended for moving joints or frequent traffic. It is also not recommended for joints in chemical compounds such as solvents, fuels, lubricants

Cleaning

Tools and equipment should be cleaned immediately after use with a cleaning solvent.

Coverage

1 kg of **SUPERSEAL MASTIC** will approximately fill the following lengths:

Joint Width (mm)	Joint Depth (mm)	Sealed Length (meters)
10	5	16.5
15	8	8.3
20	10	5
25	12	3.3
30	15	2.2

Packaging

SUPERSEAL MASTIC is available in 20 kg pails.

Storage

Keep the product in dry and sheltered place at temperature between +5°C to +35°C. In these conditions and in closed original containers, the product will have a shelf life of at least 12 months.

Health and Safety

Wear gloves, goggles to avoid any contact with eyes and skin. In case of splashes in the eyes wash abundantly with warm water and consult a doctor.

For further information or particular use, contact SBI Technical Department.

Quality & Care

All products produced in SBI facilities are manufactured under a management system certified to conform to the requirements of the quality and environmental health & safety standards ISO 9001 & ISO 14001.

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