

Domoproof[®] Mastic PU

Bituminous – Polyurethane Elastic Sealant

Domoproof[®] Mastic PU Thixotropic asphalt-polyurethane sealant with high adhesion, resistance to sunlight and compatibility with bitumen membranes. It is suitable for sealing of details and local repairs of old asphalt membranes.



Description

One-component moisture curing thixotropic sealant and adhesive based on bitumen modified polyurethane polymers. After application, in contact with air, the sealant is vulcanised to an elastic and cohesive mass.

It is recommended for the sealing and bonding of bituminous membranes. It exhibits excellent compatibility and primerless adhesion on bituminous substrates.

Physical Properties

- Elastic performance and movement capability.
- Adhering ability to dissimilar substrates.
- Excellent compatibility with bituminous membranes
- High mechanical strength.
- Good resistance to aging (UV and moisture).
- Easy application at temperatures from +5 to +40°C .
- Service temperature: -40°C to +90°C

IMPORTERS/ DISTRIBUTORS:

Domochemica Co. Ltd

www.domochemica.com.cy

2, Propylaeon Str., Strovolos Industrial Zone

P.O. Box 28928 2084 Nicosia / Cyprus

Tel : +357 - 22 31 27 10

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Technical Properties

Unvulcanized Rubber:

- Consistency: non-sag
- Skin forming time: 120 min (23 °C , 50% RH)
- Curing speed: 2-3 mm/1 st day (23 °C , 50% RH)
- Specific Gravity: 1.32

Vulcanized Rubber:

- SHORE A - Hardness: 60±5
- Recovery (100% extension for 24 hours) : >80%
- Movement capability: 25%
- Tensile strength (DIN 53504): 1,12 N/mm²
- Modulus at 100% elongation (DIN 53504): 0,62 N/mm²
- Elongation at break (DIN 53504): 1100%

Application Instructions

Joint Preparation:

- The joint faces to be bonded must be clean, dry and free from dust, oil, grease and any traces of contaminant, which may affect adhesion. To remove dust, use oil-free compressed air.
- For better aesthetic result, it is recommended to use self-sticking paper tape (Masking Tape) on both sides of the joint, in order to avoid soiling of the edges.

Priming: Domoproof® Mustic PU does not normally require primer on most common substrates.

Excess uncured sealant should be wiped and cleaned with a commercial solvent such as xylene or white spirit; cured sealant can only be removed by abrasion.

Colour: Black

Packaging: 600 ml foil pack or 1 kg metal tin

Shelf life: 12 months minimum when stored in places with normal temperature and humidity.

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