

**MAXFLEX® 100 LM**

LOW MODULUS SINGLE COMPONENT POLYURETHANE SEALANT

DESCRIPTION

MAXFLEX 100 LM is a single component, polyurethane elastomeric sealant. The product cures at ambient temperature under the influence of the atmospheric humidity, presenting a low elasticity modulus.

USES

- Joints in heavy and light pre-fabricated panels, as well as in traditional masonry.
- Waterproof joints in façade panels, curtain walls, exterior glazing, etc.
- Joints between door and window frames, etc.

APPLICATION

Dimension joint.

Minimum and maximum joint width must be between 8 and 25 mm. Depth joint must be the half of width joint, with the exception of under 15 mm joints, where the depth must be same dimension.

Preparation of surface.

The surface must be sound and clean, free from dust and grease etc.

To seal the joints, it is advisable to use a closed cell polyethylene joint backing rod, such as MAXCEL, of a diameter 25% greater than the width of the joint.

MAXFLEX 100 LM has a very good adhesion over construction materials such as concrete, glass, aluminium, etc., without the need of using a primer. Nonetheless in order to improve the adhesion on very porous surfaces, a priming can be done using PRIMER 1.

Consequently in order to prevent staining the edges and provide a better finish, it is advisable to place masking tape on either side of the joint.

For thin joints, MAXFLEX 100 LM should be applied in a single pass. In wider joints, it should be applied in three steps, the first two, on the edges of the joint and the third, filling in the centre.

During the application, press against the edges of the joint and against the bottom to prevent air bubbles. To smooth over the surface, soapy water can be used. The application is finished by removing the masking tape.

MAXFLEX 100 LM can be painted once it has cured completely (3 – 4 days depending on temperature and thickness). Preferably use water-based acrylic or vinyl paints, and make a trial previously.

MAXFLEX 100 LM can be cleaned before curing, using white spirit. The polymerised product can only be eliminated by mechanical means.

CAUTIONS

Contains polyisocyanates. Avoid contact with the skin. In case of contact with the eyes, wash immediately with water and consult a specialist. Use in ventilated areas. Keep out of the reach of children.

PACKAGING

300 ml cartridge and 600 ml., bag.

COLOURS

Light grey, white, brown and black.

STORAGE

Twelve months in its original unopened container, protected from humidity, in a ventilated place and at a maximum temperature of 30° C.

TECHNICAL DATA

Density (gr/cm ³)	1.3
Skin over time (minutes) (23° C, 50 % H.R.)	60 - 120
Curing rate (mm. in 24 h. at 23° C, 50 % H.R.)	3
Application temperature range (°C)	+ 5 ≤ T ≤ +40

Of the polymerised product

Shore A Hardness	40
Elastic modulus at 100% (MPa)	0.26
Traction resistance (MPa)	0.4
In-service joint movement (%)	25
Elongation at break (%)	250
Elastic recovery (%)	80
Service temperature range (°C)	-20 ≤ T ≤ +80

GUARANTEE

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. DRIZORO reserves the right to introduce changes without prior notice. Any use of this data beyond the purposes expressly specified in the leaflet will not be the Company's responsibility unless authorised by us. We shall not accept responsibility exceeding the value of the purchased product.



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