

**MAXFLEX® 100  
HM**

## HIGH MODULUS SINGLE COMPONENT POLYURETHANE SEALANT

### DESCRIPTION

MAXFLEX 100 HM is a single component, polyurethane elastomeric sealant and adhesive, which is used for flexible adhesion and fixings. The product cures at ambient temperature under the influence of the atmospheric humidity.

### USES

- Fixing of traditional and prefabricated roof tiles.
- Fixing of bases and footings, joint covers, etc.
- Fixing of wooden battens, friezes, etc., in interior renovation.

### APPLICATION

Eliminate using a mechanical or hand brush any loose particles or elements, (rust, dust, loose cement, badly adhered old paints, etc.)

MAXFLEX 100 HM has very good adhesion over most substrates, such as cement, fired clay, earthenware, anodised aluminium, wood, etc., without the need for a primer.

Spot or strip apply MAXFLEX 100 HM in 1 to 3 mm., thickness. Fix the piece to be bonded by manually exerting enough pressure to flatten the spot or strip applied. If it were necessary, fix the piece so that it does not move during the first hours of polymerisation. The elements to be fixed whose weight exceeds 8 kg/m<sup>2</sup> must be supported for 8 - 15 hours.

**Application by double bonding:** Apply enough MAXFLEX 100 HM on the piece to be bonded and put it in contact with the substrate so that it becomes impregnated with the sealant-adhesive. Separate immediately and wait for about 25 minutes. Place again the piece finally over the substrate pressing firmly.

MAXFLEX 100 HM 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

Brown, light grey, white 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/cm3)	1.3
Skin over time (minutes) (23° C, 50 % H.R.)	45
Curing rate (mm. in 24 h. at 23° C, 50 % H.R.)	3.0
Application temperature °C	+ 5° C ≤ T ≤ +40° C
Open time (23° C, 50 % H.R.) (minutes)	25 to 35

### Of the polymerised product

Shore A Hardness	50
Elastic modulus at 100% (Mpa)	0.50
Traction resistance (MPa)	0.60
Elongation at break (%)	250
Elastic recovery (%)	> 70
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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Company certificated: ISO 9.001 & ISO 14.001

