

Mycoflex 300 PU

One-component Polyurethane sealant with excellent bonding and sealing performance.

- PRODUCT DESCRIPTION:**
- **Mycoflex 300 PU** is one-component moisture curable polyurethane sealant.
 - Product has excellent bonding and sealing performance. No corrosion and pollution to substrates, environment friendly, no bubbles during application, smooth and fine appearance.

- PRODUCT PROPERTIES:**
- Excellent softness after curing, easy to cut, convenient for replacement.
 - Excellent bonding performance, primer-less.
 - Excellent extrudability and thixotropy, non-sag properties.

- APPLICATION:**
- Suitable for areas where low movement, high resistance to penetration and pressure are required.
 - Suitable for waterproof sealing of the back water surface of bridges and tunnels, drainage pipes and other waterproof structures.
 - For precast panel, concrete internal wall and stone bonding and sealing.

- DIRECTION FOR USE:**
- Remove dust, oil and water from the surface of substrates.
 - Tack free time and curing speed of Polyurethane sealant influenced by environment temperature and humidity.
 - Construction environment temperature: 5~35°C, humidity: 50~70% RH.
 - For construction method, please refer to MC-BIFI construction description or consult technical personnel.

TECHNICAL DATA:

Characteristic	Unit	Requirement	Typical Value	Test Std
Appearance		Black, Grey, White, Homogeneous paste		
Density	g/cm ³	1.45 ± 0.1	1.45	ISO 2811-1
Extrudability	ml/min	≥ 80	440	ASTM C 1183
Sagging properties	mm	≤ 3	0	ISO 7390
Tack free time	h	≤ 24	1	ASTM C679
Curing speed	mm/d	≥ 2.0	2.6	HG/T 4363
Volatile contents	%	≤ 7	2	ISO 10563
Shore A-hardness		40~50	46	ISO 868
Tensile strength	Mpa	≥ 1.5	2.5	ISO 37
Elongation at break	%	≥ 400	550	ISO 37

*Notes: All data above were tested under standardized condition at 23±2°C, 50±5%RH.

PRODUCT CHARACTERISTICS:

Packaging	Sausage 600ml.
Transport	Keep away the sealed product from moisture, the sun, high temperature and avoid collisions.
Storage	Keep sealed into cool, dry place. Temperature: 5~25°C. Humidity: ≤50%RH.
Shelf-life	Cartridge and Sausage: 9 months. Barrel: 6 months.
Safety	Keep away from children. Avoid contacting with skin and eye. For skin contacted, remove the sealant by cloth, wash skin thoroughly with soap and water. For eye contacted, hold eyelids apart and flush thoroughly with water, contact physician.

Note: The information provided here is based on our experience and correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual building projects, to the specific application and to non-standard local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. Given these preconditions we shall be liable for the accuracy of the information given as outlined in our sales and delivery terms and conditions. Recommendations by our employees that deviate from this information are only binding for us if they have been confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be adhered.

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