

One component high modulus polyurethane sealant

PRODUCT

weber jointseal PU MC is a high modulus, one component polyurethane based elastomeric sealant suitable for jointing and has excellent recovery characteristics. It cures under the effect of atmospheric humidity to form a flexible and resistant joint.

ADVANTAGES

- Suitable for trafficable joints sealing
- Excellent weathering and ageing properties
- Can be over painted after curing
- Excellent adhesion to different construction materials

SCOPE OF USE

Used in sealing movement joints in precast concrete construction, balcony parapets, bridge culverts, retaining walls, etc. for caulking joints around windows, doors, skirting, walls and floor joints.

CHARACTERISTICS

Composition	1-part polyurethane, moisture curing
Color	Grey, white, beige & other colors are available on request
Skin formation	60 minutes (+23°C / 50% r.h.)
Curing rate	2-3 mm /24 hours (+23°C / 50% r.h.)
Movement capability (ASTM C 719)	25%
Service temperature	-20°C to +80°C
Shore A Hardness (ASTM C 661)	50
Elongation (ASTM D 412)	>600% (+23°C/50% r.h.)
Peel Adhesion (ASTM C 794)	>70 N

PACKAGING

Leb	Syria	Jordan	UAE	Qatar	Kuwait	KSA	Oman
-	-	-	600 ml	-	-	-	600 ml

CHEMICAL RESISTANCE TABLE

Test	Observation	Result
Acetic Acid (10%)	No sign of loss of adhesion, blistering, softening, or swelling were observed	Resistant
Nitric Acid (10%)		Resistant
Citric acid (10%)		Resistant
Phosphoric acid (5%)		Resistant
Sulphuric acid (10%)		Resistant
Hydrochloric acid (10%)		Resistant
Sodium hydroxide (3%)		Resistant
Ammonium hydroxide (5%)		Resistant

APPLICABLE STANDARD

ASTM C 920: Type S, Grade NS, Class 25, Use T1.

INSTRUCTIONS FOR USE

SURFACE PREPARATION

All joints must be absolutely clean. For concrete, sand blasting is recommended. All curing compounds, caulks, grease, waterproofing compounds must be removed. For non-porous surfaces such as glass, metal, cleaning with toluene is recommended.

If required place a backer rod inside the gap to be filled for correcting the depth.

PRODUCT APPLICATION

Apply by caulking gun, hand or pressure type bulk sealant can be applied by pumping equipment. Press firmly into joint to assume good contact and finish with trowel or putty knife.

CONSUMPTION

Joint width	10 mm	15 mm	20 mm	25 mm	30 mm
Joint depth	8 mm	8 mm	10 mm	12 mm	15 mm
Joint length / 600 ml	~ 7.5 m	~ 4.5 m	~ 2.5 m	~ 1.6 m	~ 1.3 m

Consumption varies depending on substrate type, quality and absorption.

STORAGE

12 months from date of production if stored in undamaged original sealed containers, in dry conditions and protected from direct sunlight at temperatures between +10°C and +25°C.

SAFETY PRECAUTIONS

Avoid prolonged contact with skin. Wear protective gear for hands & eyes. Splashes on the skin should be washed away by cleaning with soap and water. In case of contact with eyes, wash thoroughly with clean water. If swallowed, do not induce vomiting. In both cases seek medical attention. The product is non-flammable.

DISCLAIMER

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

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