

One component polyurethane sealant

PRODUCT

weber jointseal PU is a moisture-curing, 1 component, polyurethane-based, non-sag elastomeric sealant. It is highly resilient and has excellent recovery characteristics. It can function under wide range of temperatures.

ADVANTAGES

- Easy to use
- Easy to extrude
- Excellent adhesion to different construction materials
- Excellent weathering and ageing properties
- Can be over painted after curing

SCOPE OF USE

Used in sealing movement joints in precast concrete construction, balcony parapets, bridge culverts, retaining walls, 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	25%
Specific Gravity	1.25 kg/L ± 0.02
Sag flow (ASTM C 639)	0 mm, very good
Service temperature	-20°C to +70°C
Shore A Hardness (ASTM C661)	25 (+24°C / 50% r.h.)
Elongation at break (ASTM D412)	>600% (+23°C/50% r.h.)

APPLICABLE STANDARDS

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

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.



PACKAGING

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

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

Application should be done in a ventilated area away from any heat source. Wear protective gear for hands and eyes and avoid breathing of vapor. If mixed resin comes into contact with the skin, it should be promptly removed before hardening, followed by thoroughly washing the skin with soap and water. In case of heavy vapor inhalation, place affected person in an open-air area. In case of contact with eyes, wash thoroughly with clean water. If swallowed, do not induce vomiting. In all cases, seek medical attention. In case of fire, use CO2 foam to extinguish. Tightly seal containers when not in use, store them away from heat and carefully dispose empty ones.

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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