

Multipurpose acetic silicone sealant

PRODUCT

weber silicone AC is an acetoxymonomer component multipurpose use silicone, which cures under influence of humidity from the air to form a durable elastic rubber.

weber silicone AC is intended for sealing and grouting joints and to protect against moisture.

SCOPE OF USE

weber silicone AC has been developed for durable elastic sealing of glass in display cabinets, in baths, showers, sinks, sanitary facilities, kitchens, and in major small home repairs. It has an excellent resistance to mold and fungus and a good adhesion on many smooth building materials like stainless steel, ceramic tiles, glass...

weber silicone AC can be used for inside and outside repairs as it has a high resistance to UV radiation and ozone effect, can be used for the protection of polyurethane foams.

CHARACTERISTICS

PROPERTIES	TYPICAL VALUES
Base	Acetoxymonomer
Colors	Transparent, white, beige, grey (other colors available upon request)
Uncured at 23°C and 50% RH	
Density (ISO 2811-1)	0.96 ± 0.01 g/ml
Skin formation time	5-30 min
Tack free	5-10 min
Curing rate	2-3 mm/24h
Flow from vertical surfaces at 50°C (ISO 7390)	0-3 mm
Cured tested after 4 weeks at 23°C and 50% RH	
Shore "A" hardness (ISO 868)	16 ± 4
Elongation at Break (ISO 8339)	245% ± 55%
Modulus at 100% elongation (ISO 8339)	0.27 ± 0.07 MPa
Movement accommodation factor (MAF) (ISO 9047)	±25%
Temperature resistance	-40°C to +100°C
Application temperature	+5°C to +40°C

APPLICABLE STANDARDS

Meets EN 15651-1:2012 F-EXT-INT-CC

Meets EN 15651-3:2012 G-CC



EN 15651-3:2012 S

INSTRUCTIONS FOR USE

SURFACE PREPARATION

All surfaces should be clean, dry, free from grease, oil, dust and any contaminants that could harm bonding. Surfaces best to be degreased with acetone or ethanol (glass, glaze, metal) and detergent (synthetic materials). To avoid dirtiness around the gap you can use adhesive tapes.

weber silicone AC does not require a primer on most surfaces but on some specific surfaces may have to use it to improve adhesion.

PRODUCT APPLICATION

Cut off the top of the threaded adapter. Screw the nozzle tip on and cut off at a 45° angle, with the diameter equal to the gap width. Squeeze **weber silicone AC** by mechanical or pneumatic gun. After application, the sealant should be smoothed immediately with a spatula soaked in soapy water.

The sealant bead should not be wider than 25 mm and the minimum joint width should be 6 mm to allow in the construction field proper application and tooling of

sealant. The ideal ratio of joint width to depth is 2:1. For proper design deep joints should be filled with back-up rod. If joints are too shallow to allow backing material to be used, we recommend use of adhesive tape. This acts as a back-up rod to prevent seal in forming of three-sided adhesion and allows proper work with the joint.

Remove masking tape before skin formation. Joint should be allowed to fully cure and should not be painted.

RECOMMENDATION

Do not apply **weber silicone AC** on wet surfaces and in totally confined spaces because it requires atmospheric moisture to cure.

weber silicone AC is not intended for sealing joints of natural stone (granite, sandstone, marble...) or for applications involving structural glazing (aquarium and terrariums).

Do not apply **weber silicone AC** on sensitive metal surface (coppers and silver steel of mirrors) and on calcareous substrates (concrete, plaster, brick) due to acetic acid release during curing.

Do not use **weber silicone AC** on bituminous substrates, substrates based on natural rubber, chloroprene or EPDM, PE, PP or on building materials and flexible plastics which might bleed oils, plasticizers or solvents.

STORAGE

18 months from production date, in original unopened packaging and protected from humidity.

Store in a well - ventilated room and at a maximum temperature of 30°C. The containers must be protected from direct sunlight.

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 with paper towel. After curing, remove from hands with water and soap. 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.

NOTE

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