

## weber.fug 880

Silicone for tiles, acetate cross-linked

### Joint sealant for use in sanitary rooms, swimming pool and food areas

#### Fields of application

As sealant for movement joints in sanitary areas, swimming pools and food areas such as canteen kitchens as well as in shop fittings, interior fittings, etc.

It is fungistatic and therefore largely protected against possible bacterial and mould infestation. Movements between the building parts can be absorbed thanks to its high elongation property. For use indoors and outdoors.

#### Description

**weber.fug 880** is a factory-mixed silicone rubber-based joint sealant.

#### Composition

Silicone rubber, additives

#### Main features

- **EMICODE EC 1 PLUS**: very low of volatile substances
- for use indoors and outdoors
- fungistatic
- high elongation performance
- optimal adhesion to ceramics of all kinds, glass, etc.
- acetate cross-linked

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## Technical values

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Application temperature:	$\geq +5^{\circ}\text{C} - \leq +35^{\circ}\text{C}$
Elongation at break (ISO 37):	800%
Practical service elongation:	up to 25% of joint width
Curing time:	approx. 3 days
Temperature resistance:	$-60^{\circ}\text{C} - +180^{\circ}\text{C}$
Skin formation:	approx. 10 minutes
Maximum joint dimensions:	width: 30 mm / depth: 15 mm (ratio 2:1)

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## Quality control

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**weber.fug 880** is subject to a regular quality control by self-monitoring.

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## General notes

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- **Limits of use:** do not use in contact with tar, bitumen, rubber, polyethylene and teflon.
- In case of use with ceramic tiles outdoors or natural stones stains can appear on the surfaces near to the joint sides. Therefore, it is recommended to use the joint sealant **weber.fug 883** for joints between natural stones.
- All characteristics mentioned in this data sheet are based on a temperature of  $+23^{\circ}\text{C}$  without draught and a relative humidity rate of 50%.
- High temperatures and low humidity rates accelerate, low temperatures and high humidity rates delay the curing process.
- Expansion joints shall be designed in such a way that the allowed practical service elongation of the sealant is not exceeded, taking all expected movements into account.
- Follow the national standards and/or guidelines relating to joint width, depth and backfilling dimensions; if not issued and if necessary, refer to the norm DIN 18 540 or request advice.
- Components in room atmosphere might lead to a discolouration of the light shades of **weber.fug 880** due to chemical reactions; it is the case with aldehydic cleaners, preserving substances and solvents.

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## Special notes

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- The joint sealant is compatible with paint according to DIN 52452-A1, but cannot be painted over.
- The joint sealant can easily discolour on substrates containing plasticizers.
- Corrosion is possible with moulded plastics, for ex. corrugated PVC or plexiglas parts.
- Steel substrates must be pre-treated with rust protection.
- The released acetic acid can corrode certain untreated metals, such as copper, iron, lead and zinc.

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## Substrate preparation

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- The joint edges must be dry and free of dirt, oil and grease.
- Remove loose parts, deposits and residues of other joint sealants.
- Apply a rust protection on steel substrates.
- The substrate preparation must be adapted to the specific job site conditions.

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## Working instructions

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### Preliminary works

- Bring cold material to room temperature before processing.
- Avoid three-side adhesion; for this purpose, press the closed-cell polyethylene round profile foam **weber.sys Fugenhinterfüllmaterial** into the joints.
- Use a masking tape on the joint edges to ensure a neat line.
- The joint sealant adheres to glass, enamel, glazed ceramics and other pore-free substrates without primer, if these are carefully degreased.
- If necessary, use the primer **weber.fug 885** on anodized aluminium, aluminium, stainless steel and PVC parts.
- If necessary, use the primer **weber.fug 884** on concrete, plaster/render, clinker, fiber-cement, wood, stones and other absorbent substrates.
- Let the primer air out 30 to 60 minutes.

## Application

- Cut off the cartridge tip above the thread and screw on the plastic nozzle. The nozzle tip is diagonally cut to the appropriate width as required by the joint width. After removing the rear sealing cap, place the cartridge in the gun.
- For application use a manual gun or a pneumatic gun; keep the pressure as constant as possible.
- Fill the joints uniformly; in this regard subsequent pressing impairs the adhesion.
- Smooth the joint sealant with a rubber scraper, spatula blade or joint iron moistened with soapy water within the skin formation time.
- Remove masking tape within the skin forming time.
- Clean mixing equipment and tools with with the thinner **weber.sys 992** (fresh product). Hardened material can only be removed mechanically.

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## Practical information

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### Colours:

anthracite, Bahama beige, black, cement grey, dark grey, edelweiss, ivory, Havana brown, ivory, light grey, manhattan, medium grey, pergamon/jasmine, silver grey, transparent, white

### Tools:

Manual or pneumatic gun, rubber scraper, spatula blade or iron joint

### Storage:

The product can be stored at least 18 months in its original unopened packaging, if kept dry and cool.

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## Consumption

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for joint dimensions 6 mm x 6 mm: approx. 40 ml/m

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## Packagings

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Type	Sales unit	Number / cardboard	Colours
Aluminium hose	400 ml	25 hoses	cement grey, manhattan, silver grey, transparent
Plastic cartridge	310 ml	12 cartridges	all colours

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# Technical Data Sheet



*The information in this technical data sheet is based on our current knowledge and experience at the time of printing. However, they do not guarantee in the legal sense.*