Technical Data Sheet

weber.fug 883

Silicone for natural stones

Elastic, fungistatic silicone joint sealant for natural stones

Fields of application

Dedicated for sealing of movement joints between natural stones which are sensitive to moisture and discoloration, like white marble, quarzite or granite.
It is fungistatic and therefore largely protected against bacterial and mould infestation.
For use indoors and outdoors.

Description

weber.fug 883 is a factory-mixed silicone rubber-based joint sealant.

Composition

Silicone rubber without methyl-ethyl-ketone-oxime, with neutral cross linking

Main features

- **EMICODE EC 1 PLUS:** very low emission of volatile substances
- for use indoors and outdoors
- suitable for marble and natural stones
- optimal bonding strength, also on all types of ceramics, glass etc.
- leaves no stains on the joint edges in case of sensitive natural stones
- fungistatic
- neutral cross linked
- free of methyl-ethyl-ketone-oxime
- resistant to UV
- resistant to numerous chemicals

Saint-Gobain Weber GmbH
Schanzenstr. 84, D-40549 Düsseldorf
Contact: export.de.weber@saint-gobain.com

Technical Data Sheet

Technical values

Application temperature:	≥ +5°C - ≤ +35°C
Curing time:	1 mm/12 hours
Temperature resistance:	-60°C - +180°C
Skin formation:	approx. 10 minutes
Tear strength:	approx. 1.6 N/mm^2
Density:	approx. 1.02 kg/dm³
Maximum joint dimensions:	width: 30 mm / depth: 15 mm (ratio 2:1)

Quality control

weber.fug 883 is subject to a regular quality control by self-monitoring.

General notes

- **Limits of use**: do not use in contact with tar, bitumen, rubber, polyethylene and teflon.
- All characteristics mentioned in this data sheet are based on a temperature of +23°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 883 due to chemical reactions; it is the case with aldehydic cleaners, preservating substances and solvents.

Special notes

- 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.

Substrate preparation

- The joint edges must be dry and free of dirt, oil and grease.
- Remove loose parts, deposits and residues of other joint sealants.
- In case of use with natural stones use the smoothing aid sparingly and highly diluted with water. Avoid stains and clean immediately with water.
- The substrate preparation must be adapted to the specific job site conditions.

Working instructions

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, pre-treated wooden substrates without primer.
- If necessary, use the primer weber.fug 885 on plastic parts and non-other absorbent substrates.
- If necessary, use the primer weber.fug 884 on concrete, plaster/render, clinker, fiber-cement, non-treated wooden substrates, stones and other absorbent substrates.
- In case of natural stones make sure that the primer weber.fug 884 is not in contact with the surfaces beyond the joint sides so as to avoid stains; otherwise, such stains will remain in the long term.
- 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 formation time.
- Clean mixing equipment and tools with the thinner weber.sys 992 (fresh product). Hardened material can only be removed mechanically.

Practical information

Colours:
anthracite, Bahama beige, black, caramel, cotto brown, cement grey, dark grey, edelweiss, Havana brown, ivory, light grey, manhattan, medium grey, nut brown, pergamon, silver grey, transparent

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

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

Consumption

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

Packagings

Type	Sales unit	Number / cardboard	Colours
Plastic cartridge	310 ml	12 cartridges	all colours

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.

Saint-Gobain Weber GmbH
Schanzenstr. 84, D-40549 Düsseldorf
Contact: export.de.weber@saint-gobain.com