

weber silikon

Silicone rubber based joint sealant

■ Description

Silicone rubber based permanent flexible, anti-bacterial and acetoxy curing single component joint sealant.

■ Advantages

- Permanent flexibility
- Anti-bacterial

■ Range of application

- Applied as a general purpose silicone, resistant to detergents cleaning materials and similar chemicals for vertical and horizontal applications of interiors, all joint details of wet areas.

■ Application substrates

- Concrete, wood, metal, glass, porcelain etc joints.

■ Performance

- Density: $0,97 \pm 0,01 \text{ gr/cm}^3$
- Shore A hardness: 18-22
- Maximum elongation: $\geq 500\%$
- Break off strength: $\geq 1 \text{ N/mm}^2$
- Heat resistance: $-40 \text{ }^\circ\text{C}$ ve $+120 \text{ }^\circ\text{C}$

■ Application properties

- Hardening time: 2 mm/day ($23 \text{ }^\circ\text{C}$ / 50% humidity)
- Skin formation: 20-25 min. ($23 \text{ }^\circ\text{C}$ / 50% humidity)

■ Preparation of substrates

- Joint areas should be dry and clean, free from any kinds of cement, oil, adhesive and paint residuals.
- In addition, metal substrates should be treated with anti-corrosive material.
- Masking tape is recommended on sensitive substrates.

■ Conditions of application

- The surface and ambient temperature is between $+5 \text{ }^\circ\text{C}$ and $+40 \text{ }^\circ\text{C}$.

■ Application

- During **weber silikon** application, it should contact both sides of joint and polyethylene cord.
- Material should be applied in equal quantities and without interruption and as the end part will be inside of joint.

- For correct application sealant should not be applied over and over more than one layer.
- Following application, sealant surface should be leveled and good adhesion to the surface should be controlled. During this application, possible air bubble in the material should be let off during this process.
- The surface should be cleaned with material soaked with soap water solution after the application.
- Masking tape should be removed before **weber silikon** dries.
- Since moisture is necessary for **weber silikon** to complete its curing, it should not be used in airless areas.
- Application tools should be cleaned with acetone.

■ Recommendations and warnings

- **weber silikon** adheres on smooth structural member without primer. However, a minor test before the application is recommended for very absorbing or glassy or treated surface or some painted coating.
- The most suitable value for width and depth relation is joint width should be two times of depth.
- Application on marble, natural stones, concrete, etc. porous substrates is not recommended.
- Avoid application on sensitive metals such as copper, brass, lead and mirrors since acetic acid occurs during curing.
- Paint can't be applied on.
- Avoid application in aquariums.
- Since moisture is necessary for curing, it should not be applied in airless areas.

■ Consumption

3 mt / 1 cartridge. (1 cm x 1 cm joint)

■ Packaging

310 ml.

■ Color

Transparent, white, gray.

■ Shelf life

15 months as of the production date in dry and moisture-free environment in original, unopened packages.

> The stated times apply for $20 \text{ }^\circ\text{C}$ substrate and ambient temperature and increase at lower temperatures and decrease at high temperatures.

> **Saint-Gobain Weber Yapı Kim. San. ve Tic. A.Ş.** is not responsible for the application errors arising from use of product beyond its intended purpose or failure to comply with the foregoing application conditions and advice on the product.



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