

# weber silikonize akrilik

## Silicone added, acrylic based filling sealant

Technical Data Sheet  
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### ■ Description

Acrylic dispersion based, reinforced with silicone emulsion, high-adhesive, flexible filling material.

### ■ Advantages

- Easy and quick application
- Paintable
- Flexible

### ■ Application areas

Used as filling and insulation material on joints of structural components; metal, wooden, PVC, aluminium frames; and wall cracks.



### ■ Application substrates

Interiors;

- Concrete, pre-cast concrete, fiber concrete and concrete panels;
- Wood, metal, aluminium, brick, tile, marble, glass, galvanized sheets and many plastic substrates;

Please consult us for all other application substrates.

### ■ Preparation of substrates

- Joint areas should be dry and clean while applying **weber silikonize akrilik**; and should be free from any kind of cement, oil, adhesive and paint residues.
- Use of masking tapes recommended on sensitive substrates and where straight and sharp edge formation required.

### ■ Application conditions

- Surface and ambient temperature between +5°C and +35°C.
- Avoid application in extremely hot and/or damp weather.
- Should not be used on frozen or melting substrates, or substrates with the risk of frost within 24 hours.

### ■ Application

- **weber silikonize akrilik** is ready to use.
- The material should be applied equally and continually while the tip of the cartridge remains within the joint.
- For correct application, the sealant should be applied as a single layer, not in multiple layers.
- Smooth the surface of the sealant and check for the adhesion on the substrate right after the application. Possible air bubbles in the material should be let off during this process.
- The substrate can be smoothed with a suitable material soaked with clean water.
- Remove masking tapes before **weber silikonize akrilik** fully dries.
- Application tools should be cleaned using water.

### ■ Application tools

Caulking gun

### ■ Consumption

3.2 m/cartridge (1x1 cm joint)

### ■ Points of attention

- **weber silikonize akrilik** adheres on many smooth surface structural elements without primer. However, a minor test is recommended before application on very absorbent or glossy, treated or painted coatings.
- Ideal joint width should be two times of joint depth for joint applications.
- Can be painted but cracks may form after the joint movements.
- Not applicable on underwater impermeable substrates.

## ■ Technical specifications

PRODUCT	weber silikonize akrilik
Chemical structure	Acrylic
Packaging	500 gr cartridge
Colour	White, grey
Density	1,55±0,03 g/cm <sup>3</sup>
Surface drying (25°C, %50 rh)	15-45 min
Curing speed (25°C, %50 rh)	2 mm/day
pH value	≈7,5-9
Volume loss	31%
Weight loss	20%
Tensile strength at break	≥0,1 MPa
Elongation at break	≥200%
%100 modulus of elongation	>0,2 MPa
Application temperature	Between +5°C and +35°C
Temperature resistance (cured)	Between -10°C and +80°C

## LEGAL DISCLAIMER

Saint-Gobain Weber Yapı Kimyasalları San. ve Tic. A.Ş. is not responsible for any errors arising from the use of product beyond its intended purpose or not complying the application procedures mentioned above.

## ■ Storage

Packaging	500 g cartridge
Colour	White, grey
Shelf life	• 1 year from date of manufacture when stored unopened and undamaged, away from direct sunlight, between +5°C and +25°C, in a dry, moisture-free environment.

## ■ Safety precautions

- Use appropriate safety equipment (mask, gloves, glasses).
- Protect your eyes/face.
- Avoid direct contact with eyes and skin.
- In case of contact with eyes, rinse immediately with plenty of clean water and seek medical attention.
- Please read Material Safety Data Sheet (MSDS) for further safety information.

*The stated times apply for 20°C substrate and ambient temperature; increase at lower temperatures and decrease at higher temperatures.*

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