

# weberjoint SiL

Cement based, improved with special polymer additives, silicone added, high performance colored joint mortar

Technical Data Sheet:

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## ■ Description

Cement based, improved with special polymer additives, silicone added, high performance colored joint mortar.

## ■ Reference standards

- TS EN 13888/CG2WA class
- G marking
- Public Works Pos No: 10.300.2232

## ■ Advantages

- With silicone added structure,
- High performance to contamination,
- Water-repellent,

## ■ Range of application

- Used for grout applications up to 6 mm width of coating materials such as ceramic, tile, natural stone, granite ceramic, marble and similar coating materials.

## ■ Application substrates

- Interior walls and floors,
- Exterior floors.
- Please consult us for all other application substrates.

## ■ Preparation of substrates

- Dust, chip, construction and cement residuals, etc. between the gaps of grouts should be cleaned by scrapping with a thin stick and brush to ensure a homogenous color and drying.
- Joint gaps should be moistened especially on walls before the application.

## ■ Conditions of application

- Ambient temperature is between +5 °C and +35 °C.
- It should not be used on substrates which are frozen or melting or have the risk of frost within 24 hours.
- Avoid application under direct sunlight, strong wind or (heated).hot surfaces.

## ■ Application

- Average 5,6-6,8 lt water and 20 kg **weberjoint SiL** should be mixed with low-speed mixer preferably or trowel as there will be no lumps.
- **weberjoint SiL** should be mixed for further 1-2 minutes after aging for 10 minutes before the application.
- The mortar should be filled in the joints with hard rubber spatula or trowel.
- It should be applied firstly parallel and then in crosswise direction to fill the joints thoroughly.

- The excessive mortar on the substrate should be scraped with soft-tip trowel or damp sponge- tip trowel and it should be wiped with a damp sponge after waiting for 15-30 minutes depending on ambient temperature and thin joint layer to be on the substrate should be cleaned thoroughly.
- The process of leveling and cleaning the substrate should be done via a dry cloth when **weberjoint SiL** is still wet.

## ■ Application tools

Hand mixer, trowel, rubber-tip trowel, sponge-tip trowel, rubber spatula, sponge, brush.

## ■ Consumption

Ceramic size	Ceramic dept	Joint width			
		2 mm (gr./m <sup>2</sup> )	3mm (gr./m <sup>2</sup> )	4 mm (gr./m <sup>2</sup> )	6 mm (gr./m <sup>2</sup> )
10x10	6 mm	370	560	740	1110
20x20	8 mm	250	375	500	750
25x40	8 mm	165	250	330	500
33x33	8 mm	150	225	300	450
60x60	10 mm	110	165	220	330
60x120	10 mm	75	110	145	220

## ■ Attention points

- Not applicable on areas subject to high pressure (>100 bar) and chemicals and requiring hygiene (See current "weber solution guide").
- Not applicable for swimming pools (See current "weber solution guide").
- Not applicable on floors convenient for deformation such as heating floor (**weberjoint flex** should be used).

The stated times apply for 20 °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.

Saint-Gobain Weber Yapı Kimyasalları San. ve Tic. A.Ş.

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## ■ Technical Information

<b>Product</b>	<b>weberjoint SiL</b>
<b>Product Type</b>	Powder
<b>Color</b>	25 color option( for 20,10 and 5 kg bags) 9 color option (for 2 kg bag)
<b>Packaging</b>	20 kg and 10 kg kraft bag, 5 kg, 2 kg polythene bag
<b>Application features</b>	
<b>Pot life</b>	Max. 1 hours
<b>Setting time</b>	12 hours
<b>Time required for opening floor to traffic</b>	24-48 hours.
<b>Performance</b>	
<b>Abrasion resistance</b>	≤ 1000 mm <sup>3</sup>
<b>Flexural strength</b>	≥ 2,5 N/mm <sup>2</sup>
<b>Compressive strength</b>	≥ 15 N/mm <sup>2</sup>
<b>Shrinkage</b>	≤ 3 mm/m
<b>Water absorption (30 min. later)</b>	≤ 2 g.
<b>Water absorption (240 min. later)</b>	≤ 5 g.

These values were obtained as a result of laboratory tests and they are valid for 28 days performance of finished applications. Values may vary due to differences on job-sites.

## ■ Storage

<b>Packaging</b>	<ul style="list-style-type: none"><li>• Net 20 kg bag (80 bags in pallet, 1600 kg).</li><li>• Net 10 kg bag (2 bags in the box, 64 boxes in the pallet, 1280 kg).</li><li>• Net 5 kg bag (5 bags in the box, 40 boxes in the pallet, 1000 kg).</li><li>• Net 2 kg bag (12 bags in the box, 40 boxes in the pallet, 960 kg.) / 107 x 107 cm. 80 x 120 cm</li></ul>
<b>Shelf life</b>	<ul style="list-style-type: none"><li>• 1 year as of the production date in dry and moisture- free environment provided that packages will not be opened. 5 kg and 2 kg kraft bags for 2 years</li><li>• Package should be kept tightly closed when not in use. Package should be protected against frost.</li></ul>

## ■ Safety Precautions

- Use the appropriate safety equipment (dust mask, gloves).
- Protect your eyes / face.
- Avoid contact with eyes and skin.
- In case of contact with eyes, rinse immediately with plenty of water and consult a specialist.
- Read the Material Safety Data Sheet for more detailed

## Legal Warning

Since there are different conditions and requirements that apply in any case, Saint-Gobain Weber Yapı Kimyasalları San. ve Tic. A.Ş. cannot be liable for other than the information provided in this product datasheet.

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