

weber SL Hydron

Silico-Silicate based façade paint

Technical DataSheet

Release date: 5/12/2017

Revision date: 6/15/2022

■ Product Description

Silico-silicate based, highly stain resistant, matt façade paint.

■ Reference Standards

- TS 7847
- G marking
- Public Works Pos No: 10.300.1009

■ Benefits

- Highly stain resistant comparing to standard paint.
- Water repellent.
- Resistant to external factors.
- High covering power and adherence.
- Highly vapor permeable.
- Retains the appearance as new for a long time.

■ Area of Use

Applied as a final coating on external thermal insulation systems and on façades of all buildings.



■ Substrates

- Exterior walls; - Cement based renders, - Concrete (**webertec R**, **webertec RK**, **webertec RM** or **webertex organic paste** applied), - Gas concrete (gas concrete render applied), • Please consult us for all other application substrates

■ Preparation of Substrate

- The substrate should be clean, dry, smooth and sound. • The substrate should be primed with single coat **weberprim C 100** diluted in the ratio of 5/1 (**weberprim C 100**/water) and application of **weber SL Hydron** should be started after at least 12 hours. • The substrates on which **webertec RM** or **webertex organic paste** has been applied should be primed as single layer with **weberprim art** without diluting and the entire substrate should be primed with **weberprim C 100** diluted in the ratio

of 5/1 (**weberprim C 100**/water) as single layer after drying (min. after 6 hours) and application of **weber SL Hydron** should be started at least 12 hours later. • For a better result, weber SL Hydron **weberprim C 100** fit for the color of to be applied should be chosen.

■ Application Conditions

- Ambient temperature: between +5 °C and +30 °C
- Avoid application in very damp and/or hot weather, in strong wind or under sunlight.
- It should not be used on substrates which are frozen or melting or have the risk of frost or rain within 24 hours.
- Not applicable on horizontal and inclined substrates with an angle less than 45 degrees.
- Not applicable on wet and damp substrates.
- Not applicable on direct brick and gas concrete and weak-plastered substrates.

■ Application

- In brush or roller application, **weber SL Hydron** diluted in the ratio of 5/1 (**weber SL Hydron**/water) for the first and the second layer should be mixed until it reaches a homogenous state.
- **weber SL Hydron** should be applied on the whole substrate as 2 layers with lambskin roller or brush.
- Wait at least 2 hours between the layers.

■ Tools

Lambskin roller and brush

■ TDS Consumption

4,0-6,0 m²/l

■ Attention points

To avoid tonality differences, the products which have the same BATCH NUMBER and PRODUCTION DATE should be used at each façade. • Never use salty water, lime and similar foreign substances. • All tools used for application should be cleaned with water before drying.

The stated times apply for 20°C substrate and ambient temperature; increase at lower temperatures and decrease at higher 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 of failure to comply with the forgoing application conditions and advice on the product.

Saint-Gobain Weber Yapı Kimyasalları San. ve Tic. A.Ş.
Kemalpaşa OSB Mah. Kuyucak Yolu Sokak No:284 • 35730 Kemalpaşa • İzmir • Türkiye
Tel: +90 (232) 397 07 00 • www.tr.weber • info@weber.com.tr • Çözüm Hattı 444 6 990

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■ Technical specifications

Product Name	weber SL Hydron
Product Type	liquid (density ~1,56 gr/cm ³)
Drying time	6-24 hours
Finishes/Colors	400 renk
Glossiness	G3
Dry Film Thickness	E2
Grain Size	S1
Water vapour transmission	V2
Water Transfer Rate	W3
Carbondioxyde Permeability	C0

■ Storage

Packaging	• 15 L buckets
Shelf life	• 1 year as of the production date in dry and moisture- free environment provided that packages will not be opened. • Package should be kept tightly closed when not in use. Package should be protected against frost.

■ Safety Warning

• 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 safety information. • Multiple pallets should not be stacked on top of each other during transportation and storage.

DISCLAIMER

Since there are different conditions and requirements that apply in any case, Saint-Gobain Weber Yapı Kimyasalları San. ve Tic. A.Ş. can not be liable for other than the information provided in this product datasheet. The information provided in this product data sheet is based on our current knowledge and experience about the product. All of the above information must be considered as guidelines. It is the user's responsibility to ensure that the product is suitable for the intended use, and also to perform acceptance check and self-inspection control. The user is responsible if the product is used for purposes other than recommended or for improper installation.

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