

weberdry SS-5

Elastomeric resin based, UV resistant waterproofing material

Technical Data Sheet

Issued On: 01.11.2023

Revision No: 008

■ Description

Elastomeric resin based, ready to use, UV resistant, super-flexible waterproofing material.

■ Reference standards

TS EN 14891 / April 2013

Dispersion based water waterproofing product, applied in liquid form, has resistance to chloride

TYPE: DM, CLASS: P

■ Advantages

- Ready to use
- Resistant to temperature changes with elastic structure
- Resistant to UV
- Resistant to light foot traffic
- Resistant to water ponding
- Paintable with acrylic paints and used as under tiling waterproofing material

■ Application areas

Used as under tiling waterproofing material on wet areas like balconies, bathrooms and toilets; and waterproofing material on facades under paint and coating for interiors and exteriors of all buildings.



■ Application substrates

Interior and exteriors;

- Cement based screeds, renders, concrete and boards
- Gypsum based substrates (**weberprim max** applied)
- Metal substrates (**weberprim EP 2K** applied)

Please consult us for all other application substrates.

■ Preparation of substrates

- Substrate should be clean, smooth, sound and free from adhesion blocking residues like mould oils and loose particles.
- Major deformations and holes on the substrate should be repaired at least 24 hours before **weberdry SS-5** application using **weberrep repair mortars**; where quick application or sulphate resistance is needed, **weberrep HKS** should be used instead.
- Application substrates should be primed with 40% water diluted **weberdry SS-5**.
- Though substrates like old bitumen and metal should be primed with **weberprim EP 2K** for high adherence.

■ Application conditions

- Ambient temperature between +10°C and +35°C.
- Avoid application in extremely hot and/or damp weathers.
- Should not be used on frozen or melting substrates, or substrates with the risk of frost within 24 hours.

■ Application

- After the primer coat application, **weberdry SS-5** is applied on the entire substrate without diluting at least in 2 coats using lambskin roller, brush or spraying method.
- Thin cracks, joints, corners and edges should be supported with polyester felt after the first coat application.
- Polyester felt should be applied on the entire substrate after the first coat application on terrace roofs. Second coat should be applied perpendicular to the first coat after it gets dried.
- Wait at least 6 hours between coats.

■ Application tools

Brush, roller, spray

■ Consumption

1.5-2.0 kg/m² (for 1 mm application thickness)

■ Points of attention

- Not applicable against negative water pressure.
- Do not ever use salt water.
- Do not ever add any foreign materials.
- Dilatation joints on application substrates should not be covered with **weberdry SS-5**; **weber superflex dilatation tapes** should be used instead to ensure the continuity of waterproofing.
- All tools used during the application should be cleaned with water right after use before drying.

■ Technical specifications

PRODUCT	weberdry SS-5
Product structure	Elastomeric resin
Colour	White, grey
Mortar density	1.49±0.1 g/cm³
Application thickness	1.0-1.5 mm
Touching time	2 hours
Time to wait between coats	6 hours
Time to wait before tiling application	Min. 1 day (23°C, %50 relative humidity)
Full drying time	48 hours
Time required for mechanical resistance	7 days
Time required for waterproofing	7 days
Time required for reaching final performance	7 days
PERFORMANCE	
Bonding strength	≥1,0 N/mm²
Crack bridging (+20°C)	≥2 mm
Capillary water absorption	≤0,1 kg/m²h ^{0,5}
Elongation at break	≥%140

■ Storage

Packaging	20 kg, 10 kg and 3 kg plastic drum
Colour	White, grey
Shelf life	<ul style="list-style-type: none">1 year from date of manufacture when stored in dry and cool environment.Packages should be kept tightly closed when not in use.Packages should be protected against frost.Multiple pallets should not be stacked on top of each other during transportation and storage.

■ 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 Safety Data Sheet (SDS) for further safety information.

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.

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.