

weberdry SS-10

Cement based, two component, full flexible, CMO2P class waterproofing slurry

Technical Data Sheet

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■ Description

Polymer emulsion modified, cement based, two component, CMO2P class, full flexible waterproofing slurry especially for tough conditions where hot-cold cycles occur a lot.

■ Reference standards

TS EN 14891 / April 2013

Waterproofing product applied as cementitious slurry which has crack bridging ability at standard and very low (-20°C) temperatures and has resistance to chloride TYPE: CM, CLASS: O2P

Suitable to contact with drinking water, certified by Hacettepe University Turkish Doping Control Center and Chemical Analysis Laboratory according to BS 6920 standard

Public Works Pos. No: 04.379/103

■ Advantages

- Safe to use on wet areas, terraces, swimming pools and water reservoirs
- Suitable for tiling and other coating material application
- Suitable for drinking water
- Resistance to temperature differences with full flexible structure
- Easy and practical application

■ Application areas

Used as under-tiling waterproofing material in all buildings; especially in wet areas like balconies, bathrooms, toilets and kitchens; terrace roofs, swimming pools and water tanks.



■ Application substrates

Interior and exteriors;

- Cement based renders and screeds,
- Concrete
- Old tiles (**weberprim TG 5** applied),

Please consult us for all other application substrates.

■ Preparation of substrates

- The substrate should be clean, damp, smooth and sound.
- Major deformations and holes on the substrate should be repaired at least 24 hours before **weberdry SS-10** application using **weberep MA 200**; where quick application or sulphate resistance is needed, **weberep HKS** should be used instead.
- Vertical and horizontal edges should be beveled to ensure continuity of waterproofing layer using **weberep MA 200**; where quick application or sulphate resistance is needed, **weberep HKS** should be used instead.
- Porous substrates like concrete, cement based renders should be wetted with clean water and waited until the water layer disappears and leaves a damp substrate.

■ Application conditions

- Ambient temperature between +5°C and +30°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

- For each coat, slowly add 20 kg of powder component to 10 kg of liquid component and mix using a low-speed mixer for 2-3 minutes to a homogenous consistency.
- The mixture should be aged 2 minutes then mixed again before application.
- **weberdry SS-10** is applied on the entire substrate at least in 2 coats using brush or trowel. Application of each coat should be perpendicular to the previous one.
- Wait at least 5 hours between coats.

■ Application tools

Hand mixer, brush, trowel

■ Consumption

3.0-3.5 kg/m² (for 2 mm application thickness)

■ Points of attention

- Not applicable on wood, chipboard, plywood and metal substrates.
- Not applicable against negative water pressure.
- Should not be left open where might be exposed to direct sunlight.
- Prepare the mixture by only using liquid component provided, do not ever add water.
- Do not ever add any foreign materials.
- Dilatation joints on application substrates should not be covered with **weberdry SS-10; weber superflex dilatation tapes** should be used instead to ensure the continuity of waterproofing.
- Movable points, horizontal and vertical edges in wet area applications should be supported with **weber köşebant corner waterproofing tapes**.
- weberdry SS-10** applied substrates should be protected against direct sunlight, air circulations and frost for 3 days. The substrate should be dampened if necessary.
- A protective coat like tiling should be applied on **weberdry SS-10** where substrates may subject to mechanical impacts.
- Wait at least 1 day after **weberdry SS-10** application to start coating applications like tiling etc.
- All tools used during the application should be cleaned with water right after use before drying.

■ Storage

Packaging	20 kg kraft bag and 10 kg plastic can
Colour	Grey
Shelf life	<ul style="list-style-type: none">1 year from date of manufacture when stored unopened and undamaged in a dry, moisture-free environment.Liquid component should be protected against frost.Packages should be kept tightly closed when not in use.Lumped or petrified products should not be used.

■ Technical specifications

PRODUCT	weberdry SS-10
Product structure	Two components
Colour	Grey
Mortar density	1.50±0.05 g/cm³
Mixing ratio	2 : 1 (weberdry SS-10 powder : liquid)
APPLICATION	
Applicable coats	2-3 coats
Pot-life	Max. 3 hours
Time to wait between coats	Min. 5 hours
Time to wait before tiling application	Min. 1 day (23°C, %50 relative humidity)
Time to wait before filling water tanks	Min. 7 days
Time to gain mechanical resistance	7 days
Time to waterproof	7 days
Drying time	Min. 48 hours
PERFORMANCE	
Adhesion strength	≥0.50 N/mm²
Crack bridging (+20°C)	≥1.50 mm
Crack bridging (-20°C)	≥1.00 mm
Capillary water absorption	≤0,10 kg/m²h ^{0.5}

■ 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.