weber.dry UV coat

Cement based, full flexible, CMO2P class waterproofing slurry with improved UV resistance

Technical Data Sheet
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Description

Polymer emulsion modified, cement based, two component, full flexible waterproofing slurry with improved resistance to UV and light pedestrian traffic.

Reference standards

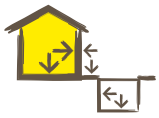
TS EN 14891 / April 2013
Waterproofing product applied as cementious slurry which has crack bridging at standard and low temperetures (-20°C) and has resistance to chloride
TYPE: CM, CLASS: O2P
Conforms Ege University BS 6920-1 : 2000 standards
Public Works Pos. No: 04.379/103

Advantages

- Safe to use on terrace roof as finishing coat
- Improved resistance to UV and light pedestrian traffic
- Resistance to temperature differences with full flexible structure
- Suitable for drinking water
- Applicable on damp substrates
- Easy and practical application

Application areas

Used as waterproofing material resistant to UV and light pedestrian traffic in all buildings; especially in terrace roofs which will be left uncovered without any coating; wet ares like balconies, bathrooms, toilets and kicthens; swimming pools and water tanks.



Application substrates

Interior and exteriors;

- Cement based renders and screeds,
- Concrete,
- Old tiles (**weber.prim 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 **weber. dry UV coat** application using **weber.rep MA 200;** where quick application or sulphate resistance is needed, **weber.rep HKS** should be used instead.
- Vertical and horizontal edges should be beveled to ensure continuity of waterproofing layer using **weber. rep MA 200**; where quick application or sulphate resistance is needed, **weber.rep 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. Very porous substrates should be primed using **weber.prim max** at least 1 hour before **weber.dry UV coat** application to balance water absorption of the 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.
- **weber.dry UV coat** 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, roller, 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.
- 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 **weber.dry UV coat; 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.
- **weber.dry UV coat** applied substrates should be protected against temperature differences, air circulations and frost which increase the risk of cracking. The substrate should be dampened if necessary.
- A protective coat like tiling should be applied on **weber.dry UV coat** where substrates may subject to mechanical impacts.
- If there are components fixed on the application substrate (like solar panels, antennas, etc.), ground connections of there components should be repaired at least 24 hours before **weber.dry UV coat** application using **weber.rep MA 200**; where quick application or sulphate resistance is needed, **weber.rep HKS** should be used instead.
- 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	Off-white
Shelf life	• 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.

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.

Technical specifications

PRODUCT	**weber.dry UV coat**
Product structure	Two components
Colour	Off-white
Mortar density	1.55±0.05 g/cm³
Mixing ratio	2 : 1 (**weber.dry UV coat** 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 filling water tanks	Min. 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}

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.*