

weber.dry SS-10

Cement-based, two component, fully elastic waterproofing slurry

Technical Data Sheet
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■ Description

Polymer emulsion modified cement-based, two-component, fully elastic waterproofing slurry.

■ Advantages

- Safe use at wet duty areas, swimming pools, terraces and water tanks.
- Can be coated with materials such as tile etc.
- Compatible with drinking water.
- Resistance to temperature differences with flexible structure.
- Easy and convenient application.

■ Range of application

- Used for waterproofing under tiling applications in all buildings particularly in wet duty areas such as balcony, bathroom, toilet and kitchen, terraces, swimming pools and water tanks.

■ Application substrates

- Cement based renders and screeds,
- Concrete,
- Old tile coatings (**weber.prim TG 5**),
- Please consult us for other application substrates.

■ Limits of application

- Not applicable on wooden, chipboard, plywood and metal substrates.
- Not applicable against negative water pressure.
- It should not be left uncovered in the areas that may be subject to direct sunlight.

■ Application properties

- Applicable coats: 2-3 coats
- Pot life: max. 3 hours
- Time between the coats: min 5 hours
- Time to wait for tiling application: min. 2 days.
- Time for filling water tanks: min 7 days
- Time to gain mechanical resistance: 7 days
- Time to waterproof: 7 days
- Drying time: 48 hours

■ Performance

- Density after mixing: approx 1,5 kg/dm³.
- Bonding strength (TS EN 14891): $\geq 0,5$ N/mm²
- Crack bridging (TS EN 14891): $\geq 1,50$ mm (+20 °C)
 $\geq 1,00$ mm (- 20 °C)
- Capillary water absorption (TS EN 1062-3): $\leq 0,10$ kg (m²h^{0,5})

■ Reference standards

- TS EN 14891/April 2017
- Waterproofing product applied as cementitious slurry which has crack bridging ability at standart and very low (-20 °C) temperatures and has resistance to chloride CMO2P).
TYPE: CM CLASS: O2P

- Contact with drinking water was certified by University of Hacettepe, Turkish Doping Control Center and Chemical Analysis Laboratory according to BS 6920 standard.
- Public works pos. No. 04. 477/1

■ Attention points

- Only its own liquid should be used for mixing and no water should ever be added.
- No foreign object should ever be added.
- Dilatation joints on the application substrate should not be covered with **weber.dry SS-10** and the continuity of the waterproofing at these points should be ensured with **weber superflex dilatation waterproofing tapes**.
- In wet duty areas, the movable points and vertical and horizontal edges should be supported with **weber corner waterproofing tapes**.
- **weber.dry SS-10** applied substrates should be protected from direct sunlight, air circulation and frost for 3 days. The substrate should be wetted and kept damp if needed.
- A protective coat such as tile should be applied on **weber.dry SS-10** on the substrates that might be subject to mechanical impacts.
- Coating applications such as tile etc. should be performed min 3 days after the application of **weber.dry SS-10**.
- All tools used for application should be cleaned up with water before they dry.

■ Preparation of substrate

- Substrates should be clean, damp, smooth and sound.
- The major deformations and holes on the substrate should be repaired with **weber.rep MA 200** minimum 24 hours before the application of **weber.dry SS-10** and where situation requires sulfate resistance or fast application, substrates should be repaired with **weber.rep HKS**.
- In order to ensure the continuity of waterproofing, vertical and horizontal edges should be beveled with **weber.rep MA 200** and where situation requires sulfate resistance and fast application it should be beveled with **weber.rep HKS**.
- Highly porous substrates such as concrete and cement based render should be wetted with clean water and it should be waited until the water layer disappears, but the substrate remains damp.

■ Conditions of application

- Ambient temperature: between +5 °C and +30 °C.
- Avoid application in very damp and/or hot weather.
- It should not be used on substrates which are frozen or melting or have the risk of frost or rain within 24 hours.

■ Application

- For each coat, 20 kg powder component should be added slowly to 10 kg liquid component and mixed with a low-speed mixer for 2 to 3 minutes until it reaches a homogeneous state.
- After the mixture is aged for 2 minutes, it should be mixed again before application.
- **weber.dry SS-10** should be applied to the entire substrate with a brush or trowel in min 2 coats. Application of each coat should be vertically performed to the previous coat.
- It should be waited for min 5 hours between the coats.

■ Consumption

3-3,5 kg/m², for the thickness of 2 mm.

■ Packaging

Net 20 kg craft bag and 10 kg plastic drum.

■ Color

Gray.

■ Application tools

Hand mixer, brush, trowel.

■ Shelf life

1 year from the production date in dry and moisture free ambient.
Package should be kept tightly closed when not in use.
Liquid component should be protected against frost.

FOR INFO

- > 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.



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