

weber.dry DS

Cement based, crystallized waterproofing slurry

Technical Data Sheet

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Revision No: 006

■ Description

Cement based, single component, crystallized waterproofing slurry resistant to negative and positive water pressure, transferrable to capillary gaps of cement based substrates.

■ Reference standards

TS EN 1504-2:2008

Ege University BS 6920-1:2000

Public Works Pos. No: 04.379/102

■ Advantages

- Resistant to negative and positive water pressure
- Transferrable to capillary gaps of cement based substrates
- Suitable for drinking water
- Easy and convenient application

■ Application areas

Used as waterproofing material on interiors and exteriors of all structures particularly on foundations and basement walls, water tanks and swimming pools.



■ Application substrates

Interior and exteriors;

- Cement based renders and screeds,
- Concrete,

Please consult us for all other application substrates.

■ Preparation of substrates

- The substrate should be clean, damp, smooth and sound.
- Dust, lime, paint residues, mould oils, etc. should be cleaned from application substrate using wire brush.
- Major deformations and holes on the substrate should be repaired at least 24 hours before **weber.dry DS** 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.

■ 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 rain or frost within 24 hours.

■ Application

- For each coat, 6,5-7,0 liters of clean water should be added to 25 kg of **weber.dry DS** and mixed using a low-speed mixer to a homogenous consistency for 2-3 minutes.
- **weber.dry DS** 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 6 hours between coats.
- If previous coat application is made 12 hours or before the following coat, the substrate should be dampened again before the application.

■ Application tools

Hand mixer, brush, roller, trowel

■ Consumption

3 kg/m² (for 2 mm application thickness)

■ Points of attention

- Not applicable on wood, chipboard, plywood and metal substrates.
- Not applicable directly on brick, aerated concrete and weak plastered substrates.
- Not applicable for terrace and roof waterproofing.
- Not applicable for facade waterproofing.
- Not applicable on water tanks with a depth over 8 meters and foundations subject to ground water deeper than 8 meters.
- Do not ever add any foreign materials.
- Dilatation joints on application substrates should not be covered with **weber.dry DS**; **weber superflex dilatation tapes** should be used instead to ensure the continuity of waterproofing.
- **weber.dry DS** applied substrates should be kept damp for 5 days; protected against direct sunlight, air circulations and frost.
- A protective coat like tiling should be applied on **weber.dry DS** where substrates may subject to mechanical impacts.
- **weber.dry DS** should not be left uncovered on substrates open to circulation; should be protected with screed, tiling or industrial flooring applications.
- For pool and water tank applications, the concrete should be poured at least 6 months before the application.
- All tools used during the application should be cleaned with water right after use before drying.

Technical specifications

PRODUCT	weber.dry DS
Product structure	Powder
Colour	Grey
Mortar density	1.90±0.1 g/cm ³
Mixing ratio	25 : 6.5-70 (weber.dry DS : water)
Application thickness	2-3 mm
Number of applicable layers	2-3 layers
Pot-life	45 minutes
Time required between coats	6 hours
Time required for top coat application	Min. 7 days
Time required for ground filling	Min. 7 days
Time required for filling water tanks	Min. 7 days (positive pressure) Min. 14 days (negative pressure)

Storage

Packaging	25 kg kraft bag
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.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.

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.

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