weber.tec 930 (Deitermann DS)

Cement based, sulfate resistant, crystallized waterproofing slurry

■ Description
Cement based, one-component, crystallized waterproofing slurry resistant to negative and positive water pressure, sulfated waters, chemical solutions and aggressive underground waters and transferable to capillary gaps of cement-based substrates.

■ Advantages
- Resistance to negative and positive water pressure.
- Resistance to sulfate and chemicals.
- Transferability to capillary gaps of cement based substrates.
- Compatible with drinking water.
- High load bearing capacity.
- Resistance to frost.

■ Range of application
- Used as waterproofing material in exterior and interior of all structures, particularly on foundations and basement walls, drinking water tanks and swimming pools.

■ Application substrates
- Cement-based renders and screeds,
- Concrete,
- Walls made of limestone, brick and briquette,
- Please consult us for other application substrates.

■ Performance
- Color: gray
- Density after mixing: approx. 2,10 kg/dm^3.

■ Reference standards
- Public works Pos. No. 04. 477/2.

■ Application properties
- Applicable coats: 2-3 coats
- Pot life: 60 minutes
- Time between the coats: 5 hours
- Time to wait for application of topcoat on **weber.tec 930**: min 7 days
- Time for filling with earth: min 7 days
- Time for filling water tanks:
  min 7 days under positive pressure
  min 14 days under negative pressure.

■ 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.

■ Preparation of substrates
- Substrates should be clean, damp, smooth, and sound.
- Dust, lime, paint residues, form oil etc. on substrate should be cleaned up with wire brush.
- The major deformations and holes on substrate should be repaired with **weber.rep MA 200** minimum 24 hours before the application of **weber.tec 930** and where situation requires sulfate resistance or fast application, substrates should be repaired with **weber.rep HKS**.
- In order to ensure 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**.

■ Application
- For each coat, 4-4,75 lt clean water should be added to 25 kg **weber.tec 930** and mixed with a low-speed mixer for 2 to 3 minutes until it reaches a homogeneous state.
- **weber.tec 930** 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.
- In case the following coat application is performed 12 hours after the application of the previous coat or later, the substrate should be damped again prior to the application.
- Drinking water tanks should be disinfected with 5 % sodium hypochlorite solution min 7 days after the application, washed with drinking water and then, filled with water. This process should be repeated min once a year.

■ Attention points
- No foreign object should ever be added.
- Dilatation joints on the application substrate should not be covered with **weber.tec 930** and the continuity of waterproofing at these points should be ensured with **Superflex B 240 / Superflex B 400** waterproofing tapes.
- **weber.tec 930** applied substrates should be kept moist and protected from direct sunlight, air circulation and frost for 5 days.
- A protective coat such as tile should be applied on **weber.tec 930** on the substrates that might be subject to mechanical impacts.
- **weber.tec 930** should not be left uncovered on the substrates open to circulation and it should be protected with screed, tiling or industrial flooring.
- All tools used for application should be cleaned up with water before they dry.

■ Limits of application

- Not applicable on wooden, chipboard, plywood and metal substrates.
- Not applicable for waterproofing on terrace and roof.
- Not applicable for water tanks with depth over 15 m and on the foundations subject to ground water deeper than 15 m.

■ Consumption

Application areas	Min. application thickness	Min. consumption
Areas subject to ground dampness	2 mm	Approximately 4,0 kg/m²
Areas subject to non-pressured water	2,5 mm	Approximately 5,0 kg/m²
Areas subject to pressured water positively and water tanks (max water depth is 15 m) Areas subject to pressured water negatively (max water depth is 3 m)	3 mm	Approximately 6,0 kg/m²

■ Packaging

Net 25 kg craft bag.

■ Application tools

Hand mixer, brush, trowel.

■ Shelf life

9 months from the production date in dry and moisture free ambient.
Package should be kept tightly closed when not in use.

➢ *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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weber.tec 930 - Chemical Resistance Table

Inorganic Acids	Phosphoric acid, 2 % Nitric acid, 2 % Hydrochloric acid, 2 %	– – ○	Sulphuric acid, 1 % Sulphuric acid, 10 %	○ –
Organic Acids	Ascorbic acid, 5 % Ascorbic acid, 10 % Acetic acid, 2 %	– – ○	Acetic acid, 10 % Lactic acid, 5 % Citric acid, 5 %	– ○ –
Alkali Solutions	Ammonia solution, 5 % Caustic potash solution, 5 % Caustic potash solution, 45 %	● ○ ○	Sodium hydroxide (Caustic soda), 5 % Sodium hydroxide (Caustic soda), 45 %	○ ○
Fuels and Oils	Diesel Petrol, unleaded Super, unleaded	● ● ●	Hydraulic (brake oil) Cooking oil Heating oil	○ ● ●
Hydrocarbons	Acetone Benzene Ethyl alcohol Isopropyl alcohol	● ● ● ●	Petroleum White spirit Toluene Xylene	● ○ ● ●
Other	Distilled water Cola Apple juice Grapefruit juice Oragne juice Ferric chloride solution, 20 % Sodium sulfate solution, 4 % Sodium sulfate solution, saturated Ammonium sulfate solution, saturated	● ○ ○ – – – ● ● –	Toilet cleaner Cabbage pickle juice Sugar solution, 5 % Sugar solution, 10 % Glycerin Sea water Table salt solution, 30 % Hydrogen peroxide (oxygenic water) 30 % Formaldehyde solution	– – – – ○ ● ● – ●
Liquid Manure	Liquid chicken manure* Liquid pig manure*	● ●	Synthetic manure A Synthetic manure B	– ●

● Resistant to the indicated chemicals
○ Resistant to short term (min 7 days) contact with the indicated chemicals (color may change)
– Not resistant to the indicated chemicals

Tests were performed under laboratory conditions for a period of 6 months based on product samples cured for 4 weeks.

* After 12-month test period in site.