weber.dry 906

Polymer-bitumen modified, flexible water-proofing material

Technical Data Sheet
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Description

Polymer-bitumen modified, two-component, highly flexible, solvent-free waterproofing material.

Reference standards

EN 15814
CE

Advantages

- Easy and quick application consistency
- Resistant to rain in a short time with quick-drying feature
- High dry residue ratio
- Applicable on all mineral substrates
- Forms a single-piece waterproofing layer
- Perfect adherence on the substrate
- Resistant to sea water and ground chemicals
- Environmentally friendly, solvent and asbestos-fiber free content

Application areas

Used as waterproofing material against ground dampness, seepage water, sea water, temporary and permanent pressured water on foundations, cellar walls, wet duty areas, balconies, terraces, garden terraces and over the underground parking areas.

Application substrates

Interior and exteriors;

- Cement based renders and screeds,
- Concrete,
- Walls made of limestone, bricks and briquette
- Old bitumen substrates

Please consult us for all other application substrates.

Preparation of substrates

- Subsrates should be clean, smooth, sound and not exposed to frost; free from adhesion diminishing residues like mould oils, cement and loose particles.
- Inner edges should be beveled using **weber.rep MA 200**; or **weber.rep HKS** where rapid application or sulphate resistance is needed; outer edges should be rounded by trimming with mechanical methods.
- Substrates should be primed using 1/10 (**weber.dry 906** bitumen component/water) diluted **weber.dry 906** bitumen component.
- Scratch coat application should be made with **weber. dry 906** to prevent bubble formations on porous, deformed or perforated substrates and/or levelling purposes.
- Surface gaps deeper than 5 mm should be levelled using **weber.rep MA 200** or **weber.rep HKS**.

Application conditions

- Ambient temperature between +3°C and +35°C.
- Avoid application in extremely hot weathers.
- Should not be used on frozen substrates or substrates with the risk of frost.

Application

- 8 kg powder component should be added to 24 kg liquid component of **weber.dry 906** and mixed with a low-speed mixer until it reaches a smooth and homogenous state.
- **weber.dry 906** should be applied to the entire substrate with a brush in 2 coats. Total application thickness should be determined according to application substrate and water pressure that the waterproofing layer will be subject to (see consumption table).
- The application of the second coat should be performed after the first coat is dry enough not to get damaged.
- In areas subject to temporary and permanent pressurised water, alkali resistant fiberglass reinforcing mesh with max. 110 g/m² weight application should be made covering the entire substrate between first and second coats of **weber. dry 906** application.
- In areas subject to unpressurised water like wet areas, balconies and terraces, alkali resistant fiberglass mesh application should be made on corners and joints between first and second coats of **weber.dry 906** application.

Application tools

Hand mixer, brush, trowel

Consumption

Application area	Min. applicatipon thickness (dry film)	Min. consumption
Areas subject to ground dampness (non-standing ground water)	2 mm	3,0 kg/m²
Areas subject to non-pressured water (standing ground water)	3 mm (with mesh)	4,5 kg/m²
Areas subject to permanent pressured water (ground water)	4 mm (with mesh)	6,0 kg/m²

Points of attention

- Not applicable on metal substrates.
- Prepare the mixture only using liquid and powder components of the product, do not ever add water.
- No foreign substance should ever be added.
- In spray applications, special care should be taken to clean the product before setting within the machine.
- Dilatation joints on application substrates should not be covered with **weber.dry 906; weber superflex dilatation tapes** should be used instead to ensure the continuity of waterproofing.
- **weber.dry 906** applied substrates should be protected against frost for minimum 3 days and covered with a convenient material after drying as it is not UV resistant.
- No earth filling should be made on **weber.dry 906** applied cellar walls before protective application is made.
- Substrate concrete should meet TS EN 206 critierias on areas subject to permanent water pressure.
- **weber.dry 906** application on terraces should be solved with reverse roofing detail (heat insulation layer over waterproofing layer). Also, flooring concrete should be at least 12 cm thick, smooth and sound with 2% of slope.
- All tools used during the application should be cleaned with water right after use before drying. Dried residues should be cleaned using thinner.

Storage

Packaging	Net 32 kg combi plastic drum (24 kg liquid + 8 kg powder component)
Colour	Black
Shelf life	• 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. • Packages should be protected against frost.

Technical specifications

PRODUCT	**weber.dry 906**
Product structure	Bitumen
Colour	Black
Mortar density	1.18±0.1 g/cm³
Mixing ratio	24 : 8 (**weber.dry 906** bitumen : **weber.dry 906** powder)
Pot-life	60 minutes
Drying time	Min. 3 days
Time required for earth filling	Min. 3 days
Dry residue ratio	Approx. 84%
Resistance to fire	Class E (EN 13501-1)
Watertightness	Class W2A
Crack bridging ability	Class CB2
Water resistance	Pass
Flexibility at low temperature	Pass
Dimensional stability at high temperatures	Pass
Resistance to compresion	Class C2A
Resistance to rain	Class R2
Dangerous substances	NPD
Durability of watertightness and reaction to fire	Pass

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.*