

# weber.dry 706 plus

## 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

TS EN 15814

### ■ Advantages

- Easy and quick application consistency
- Applicable on all mineral substrates
- Forms a single-piece waterproofing layer
- Perfect adherence on the substrate

### ■ Application areas

Used as waterproofing material against ground dampness, seepage 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,

Please consult us for all other application substrates.

### ■ Preparation of substrates

- Substrates 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 1/5 (**weber.dry 706 plus** bitumen component/water) diluted **weber.dry 706 plus** bitumen component.
- Scratch coat application should be made with **weber.dry 706 plus** 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 +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

- 8 kg powder component should be added to 24 kg liquid component of **weber.dry 706 plus** and mixed with a low-speed mixer until it reaches a smooth and homogenous state.
- **weber.dry 706 plus** 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, in order to provide 4 mm application thickness, alkali resistant fiberglass reinforcing mesh should be placed on the entire substrate after the first coat of **weber.dry 706 plus** application and the second coat application should fully cover the mesh.

### ■ Application tools

Hand mixer (T-shaped mixing paddle), brush, trowel

### ■ Consumption

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

## 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 706 plus; weber superflex dilatation tapes** should be used instead to ensure the continuity of waterproofing.
- **weber.dry 706 plus** applied substrates should be closed and protected against external conditions in maximum 3 days.
- **weber.dry 706 plus** 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 706 plus** applied cellar walls before protective application is made.
- All substrate should be covered with polyethylene sheet right after horizontal applications before stepping into the next application.
- **weber.dry 706 plus** application on terraces should be solved with reverse roofing detail (heat insulation layer over waterproofing layer).
- All tools used during the application should be cleaned with water right after use before drying. Dried residues should be cleaned using thinner.

## Storage

<b>Packaging</b>	Net 32 kg combi plastic drum (24 kg liquid + 8 kg powder component)
<b>Colour</b>	Black
<b>Shelf life</b>	<ul style="list-style-type: none"><li>• 1 year from date of manufacture when stored unopened and undamaged in a dry, moisture-free environment.</li><li>• Packages should be kept tightly closed when not in use.</li><li>• Packages should be protected against frost.</li></ul>

## Technical specifications

PRODUCT	weber.dry 706 plus
Product structure	Bitumen
Colour	Black
Mortar density	1.10±0.1 g/cm <sup>3</sup>
Mixing ratio	24 : 8 ( <b>weber.dry 706 plus bitumen : weber.dry 706 powder</b> )
Pot-life	60 minutes
Drying time	Min. 3 days
Time required for earth filling	Min. 3 days
Dry residue ratio	Approx. 72%
Softening point	+80°C
Watertightness	Class W2A
Crack bridging ability	Class CB2
Water resistance	No coloration, no debonding
Flexibility at low temperatures	No cracks
Dimensional stability at high temperatures	No sliding or draining down
Reaction to fire	Class E
Resistance to compression	Class C2A
Resistance to rain	Class R1
Reduction of the thickness of the layer when fully dried	≤50%
Durability	Passed

## 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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