

# weberdry bitüm 1K

## Bitumen based, single component waterproofing material

### Technical Data Sheet

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### ■ Description

Polymer-bitumen modified, water based, single component waterproofing material.

### ■ Advantages

- Ready to use, quick and easy application
- Forms a single-piece waterproofing layer
- Perfect adhesion on substrates
- Applicable both on vertical and horizontal areas
- Water based, environment friendly product

### ■ Application areas

Used as waterproofing material against ground dampness, seepage water and non-pressured water on foundations, cellar walls, wet duty areas and balconies.



### ■ 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 **weberep structural repair mortars**; outer edges should be rounded by trimming with mechanical methods.
- Surface gaps deeper than 5 mm should be levelled using **weberep structural repair mortars**.
- Substrates should be primed using 1/5 (**weberdry bitüm 1K**/water) diluted **weberdry bitüm 1K**.
- The primer prepared should be applied on the entire substrate homogenously using a suitable brush.

### ■ 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

- After the primed substrate gets fully dried, **weberdry bitüm 1K** should be applied to the entire substrate with brush, trowel or spray at least in 2 coats.
- Ensure the first coat of application is fully dried before switching to the second coat of application.
- In areas subject to temporary pressurised water, in order to provide 4 mm application thickness, alkali resistant fiberglass reinforcing mesh with max. 110 g/m<sup>2</sup> weight should be placed on the entire substrate after the first coat of **weberdry bitüm 1K** application and the second coat application should fully cover the mesh.

### ■ Application tools

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

### ■ Consumption

2.5 kg/m<sup>2</sup> (1.5 mm thickness)

## ■ Points of attention

- Not applicable on metal substrates.
- 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 **weberdry bitüm 1K; weber superflex dilatation tapes** should be used instead to ensure the continuity of waterproofing.
- Do not make the application under rain or any risk of rain.
- Before starting the application of second coat ensure the first coat of application is fully dried especially in cold weather as curing slows down.
- **weberdry bitüm 1K** applied substrates should be closed and protected against external conditions in maximum 3 days.
- Substrates should be protected against frost, sunlight and strong winds for the first 24 hours.
- **weberdry bitüm 1K** applied substrates should be covered with a convenient material after drying as it is not UV resistant.
- No earth filling should be made on **weberdry bitüm 1K** applied cellar walls before protective application is made.
- All susbstrate should be covered with polyethylene sheet right after horizontal applications before stepping into the next application.
- 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	17 kg plastic drum
Colour	Black
Shelf life	<ul style="list-style-type: none"><li>• 12 months 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><li>• Multiple pallets should not be stacked on top of each other during transportation and storage.</li></ul>

## ■ Technical specifications

PRODUCT	weberdry bitüm 1K
Product structure	Bitumen
Colour	Black
Density	1.15±0.1 g/cm³
Dry residue ratio	65%
Application temperature	Between +5°C and +35°C
Service temperature	Between -20°C and +80°C
Drying time	2-5 days
PERFORMANCE	
Resistance to rain	R1
Resistance to compression	C2A
Crack bridging	CB2
Waterproofing	W1

## ■ 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.