

# weberdry bitüm UV

## Bitumen based, UV resistant, single component waterproofing material

Technical Data Sheet  
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### ■ Description

Polymer-bitumen modified, water based, single component, UV resistant 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
- UV resistant
- Can be left uncovered

### ■ Application areas

It is suitable for use in areas exposed to sunlight such as terraces, flat roofs, roof gutters, blind facades, foundations and cellar walls of all buildings.



### ■ Application substrates

Interior and exteriors;

- Cement based renders and screeds,
- Concrete,
- Old bitumen substrates,
- Rolled membranes,
- Zinc, sheet metal and composite substrates

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 UV**/water) diluted **weberdry bitüm UV** or **weberprim bitüm**.
- The primer prepared should be applied on the entire substrate homogeneously using a suitable brush.

### ■ Application conditions

- Ambient temperature between +5°C and +35°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

- The product should be mixed with a mixer at low speed for 30 seconds to ensure homogeneity.
- After the primed substrate gets fully dried, **weberdry bitüm UV** 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.
- Total application should be done in minimum 2 coats (min 3 kg). After the first layer of **weberdry bitüm UV** application, an alkali resistant glass fiber reinforcement mesh weighing 60-70 g/m<sup>2</sup> should be placed on the entire surface and the second layer of **weberdry bitüm UV** application should be made to completely cover the mesh.
- In foundation curtain applications, the application thickness should be minimum 3 mm and an alkali resistant glass fiber reinforcing mesh weighing 60-70 g/m<sup>2</sup> should be used.

### ■ Application tools

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

### ■ Consumption

3 kg/m<sup>2</sup> (2.0 mm dry film thickness)  
4-4.5 kg/m<sup>2</sup> (3.0 mm dry film thickness)

## Points of attention

- 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 UV; 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.
- Substrates should be protected against frost and strong winds for the first 24 hours.
- All tools used during the application should be cleaned with water right after use before drying. Dried residues should be cleaned using thinner.
- For membrane repair, 400-450 gr silica sand can be mixed into 500 gr product and applied in trowel consistency.

## Storage

<b>Packaging</b>	17 kg plastic drum
<b>Colour</b>	Black
<b>Shelf life</b>	<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 UV
Product structure	Bitumen
Colour	Black
Density	1.20±0.1 g/cm <sup>3</sup>
Dry residue ratio	70-72%
Application temperature	Between +5°C and +35°C
Service temperature	Between -20°C and +200°C
Drying time	2-5 days
PERFORMANCE	TS EN 15814
Resistance to rain	R1
Resistance to compression	C2A
Crack bridging	CB2
Waterproofing	W1
PERFORMANCE	ETAG 005
Bond strength (Metal and concrete surfaces)	1 N/mm <sup>2</sup>
Resistance to dynamic indentation (UNC/3J)	No problem
Resistance to dynamic indentation (-20°C/16hours)	3J
Resistance to Static indentation (UNC)	150 N
Resistance to Static indentation (60°C/16 hours)	150 N
Fatigue Movement (250 Cycles)	No cracks

## 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, waste management and/or product disposal.

## 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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