

## weber Anschlussdicht

### Universal waterproofing

**Highly flexible universal waterproofing for all connections of windows, sills and sockets**

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#### Fields of application

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As universal waterproofing with a wide range of applications for all works around windows, in the facade socket areas or for bonding insulation boards in the pre-said areas.

For waterproofing window sills in the connection areas to the frame and reveal.

In combination with the watertight foil **weber.sys 982** and/or the watertight self-bonding foil **weber.sys 982 SK**, the product is ideally suited as a second waterproofing layer under window sills or as an adhesive for natural and artificial stone window sills.

Also as moisture protection for socket render systems; it can be covered by a render or be painted over.

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#### Description

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**weber Anschlussdicht** is a highly-flexible, quick-and reactive-setting 2-component waterproofing slurry with a weather-independent drying process. With official approvals (Germany). It fulfills the standards for waterproofing products (German guidelines FPD and MDS).

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#### Composition

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Cement, selected silica sands, highly reactive polymers, reactive fillers and aditives

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#### Main features

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- **EMICODE EC 1 PLUS**: very low emission of volatile substances
- highly flexible
- dries within 24 hours regardless of weather conditions
- quick-setting
- resistant to pressure water
- can be covered by a render or painted over
- frost-resistant

- for use as waterproofing for all connections of windows, sills and facade socket parts
- also as glue for natural and artificial stone window sills or for insulation boards on external basement walls

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## Technical values

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|---|--|
| Application temperature<br>(air ambient and substrate): | 1°C - 30°C   |
| Density after mixing:                                   | approx. 1.05 kg/dm <sup>3</sup>  |
| Consistency after mixing                                | brush-, roller- and trowel-grade   |
| Compression strength:                                   | > 0.3 MN/m <sup>2</sup>  |
| Pot life:   | approx. 45 minutes*  |
| Rainproof:  | approx. 1.5 hour with 4 mm layer thickness*  |
| Drying:   | approx. 2.5 hours*, weather-independent within 24 hours  |
| Clean-up:   | water (fresh product); only by mechanical means<br>and with thinner <b>weber.sys 992</b> (dry product) |

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\*at 23°/50% rel. humidity

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## Quality control

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**weber Anschlussdicht** is subject to a regular internal quality control.

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## General notes

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- All characteristics mentioned in this data sheet are based on a temperature of 23°C, without draught and a relative humidity rate of 50%.
- In case of sunshine, carry out waterproofing works in shadow or in the morning or evening hours.
- Do not bond protective boards or insulation boards and do not fill the excavation pit until the material has not completely dried.
- Prior to backfilling the excavation pit use the drainage mat **weber.sys 983** over the basement walls in order to protect the waterproofing system.
- Comply with the national standards and/or guidelines; if not issued, and if requested, refer to the norm DIN 18533 "Waterproofing of Ground-contacting Building Structures", the "Guideline for Planning and Execution of Waterproofing Works with Polymer-Modified Bitumen Coatings (PMBC)", the "Guideline for Planning and Execution of Waterproofing of

Ground-contacting Building Structures with Flexible Polymer-Modified Thick-Layer Waterproofing Coatings (FPD)” and the WTA leaflet 4-6 “Retrospective Waterproofing of Ground-contacting Structures” (WTA = International Association for Science and Technology of Building Maintenance and Monuments Preservation). If in doubt, request technical advice.

- After full drying of the last waterproofing layer weber Anschlussdicht can be painted over preferably with silicone resin paints (for ex. **weber.ton 411 AquaBalance**) or silicate paints (for ex. **weber.ton 410 AquaBalance**).
- If a render is planned on top of **weber Anschlussdicht** on the external socket parts of the facade, apply the normal-setting stipple coat **weber.san 160 WTA** full-surface as bonding layer on the fully dry waterproofing layer.

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## Special notes

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- Do not add any foreign substances during mixing and application.
- The consumption figures given in this document will increase if the applicator lacks experience. In addition, the figure for the scratch layer of 1.0 - 1.5 kg/m<sup>2</sup> depending on the substrate roughness must be taken into account.

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## Substrate preparation

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- The substrate must be frost-free, solid, clean, sufficiently dry and free of dirty substances.
- Remove all water-repellent and adhesion-impairing particles.
- Break off edges and protruding parts.
- Close joints and recesses > 5 mm with the watertight patching mortar weber.tec 933, using a flat trowel
- Round the external angles between concrete slab and basement walls in groove form beforehand. Apply first a bonding layer of weber.tec 933 mixed in brush consistency along the angles. Afterwards apply the mortar as groove mortar mixed in trowel consistency in a radius of approx. 5 cm with the preformed rounded trowel “big size” (250 x 150 mm) weber.sys Hohlkehlenschlitten on the fresh bondcoat.

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## Working instructions

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### Primer

- Use the deep-penetrating primer **weber.prim 400** undiluted.
- After its drying, the scratch layer can be applied, followed by the coating.

### Mixing

- The amounts of liquid and powder are delivered pre-mixed and adjusted to each other. Mix the components A and B in a ratio of 1 : 1 part by weight.
- Mix with a high-performance electric drill (max. 800 rpm/min.) and the stirrer **weber.sys** Rührpaddel no. 3 during 3 minutes, until a homogenous, lump-free and slurry-like mortar is achieved.

### Scratch layer

- If there are unsealed recesses > 5 mm after substrate preparation, such as mortar pockets, open butt joints and cavities, apply a full-surface scratch layer consisting of **weber Anschlussdicht** and silica sand **weber.sys Hartquartzmaterial** (0.1 - 0.3 mm) in a ratio of 3 : 1 parts by volume, using a flat trowel; this layer levels the substrate and also avoids blistering, i.e. formation of air bubbles in the bitumen coating, especially in case of warm weather conditions.
- The scratch layer must have dried sufficiently, so that the application of the 1<sup>st</sup> layer cannot damage it.

### Waterproofing

- On horizontal and vertical surfaces apply **weber Anschlussdicht** in at least 2 layers full-surface with a block brush, a flat trowel or a notched trowel in a uniform thickness, without leaving open pores.
- The 2<sup>nd</sup> and 3<sup>rd</sup> layer should take place as soon as there is no danger of damaging the previous one.
- In case of ground damp and non-pressure water (water load case W1-E), apply the different layers “wet-in-wet”.

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## Practical information

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Colour:

grey

Tools:

Electric drill stirrer weber.sys Rührpaddel no. 3, flat trowel, notched trowel, block brush or deck brush

Drying time:

max. 24 hours

Storage:

The product can be stored at least 12 months in its original unopened packaging, if kept dry and frost-free. Frost will destroy the liquid component. After thawing it is not allowed to be used.

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## Consumption / yield

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|   |                             |                           |
|---|-----------------------------|---------------------------|
| <b>W1-E:</b> ground damp and non-pressure water:          | min. 3.3 kg/m <sup>2</sup>  | dry layer thickness ≥ 3mm |
| <b>W4-E:</b> splash water areas (facade socket areas):    | min. 2.5 kg/m <sup>2</sup>  | dry layer thickness ≥ 2mm |
| As adhesive for insulation boards for W1-E (spot gluing): | approx. 2 kg/m <sup>2</sup> |                           |

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## Packagings

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| Type  | Sales unit | Number / euro-pallet |
|---|------------|----------------------|
| Plastic bucket<br>(=1 bag of 6 kg liquid<br>1 bag of 6 kg powder) | 12 kg      | 24 buckets           |

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*The information in this technical data sheet is based on our current knowledge and experience at the time of printing. However, they do not guarantee in the legal sense.*