Surface Sealings

# WEBAC® 5611

## Range of application

- Building sealants for exterior wall surfaces and plinths against ground water and flood water
- Sealing underneath facade coatings
- Composite sealing in case of pressing water
- Landfill coverings in connection with geotextile
- Waterproofing under plaster, specially in monument conservation
- Building sealings in civil engineering, tunnel and shaft constructions
- Horizontal sealing against non-standing surface water
- Bonding layer (without cement) for highly absorbent or non-absorbent substrates
- Interior negative-side waterproofing

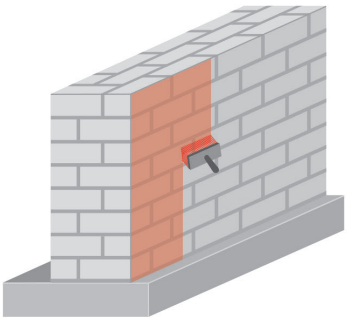
## Properties

- Bituminous acrylate dispersion
- Adheres to:
  - Non-absorbent surfaces
  - Dry and damp mineral surfaces
  - Tar-containing or bituminous substrates
- Coatable with various silicone/resin paints
- Good crack bridging properties
- Steam permeable
- Resistant to de-icing salts

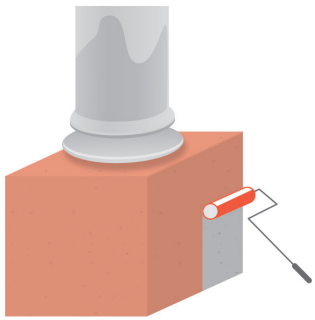
## Test certificates

- Test certificates on request

## Examples



*Building sealing for exterior surfaces*



*Sealing of plinths*

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## Technical data

| Technical data | | Values | | |
|---|---|---|---|---|
| **Mixing ratio** | | 1 : 0.8 parts by weight<br>with Portland Cement CEM II B-S 32.5 R<br>(alternative cement types on request) | | |
| **Density**, 20 °C<br>(DIN ISO 2811) | | ≈ 1.0 g/cm³ | | |
| **Pot life** with Portland Cement<br>CEM II B-S 32.5 R<br>(WEBAC test specification) | | **30 °C**<br>≈ 50 min | **20 °C**<br>≈ 60 min | **8 °C**<br>≈ 160 min |
| **Application temperature**<br>Building structure and material | | > 5 °C | | |
| **Viscosity** without cement | | **30 °C**<br>≈ 40 mPa·s | **23 °C**<br>≈ 50 mPa·s | **12 °C**<br>≈ 70 mPa·s |
| **Curing time**<br>20 °C, 70% relative air moisture | | ≈ 2–6 h (depending on the substrate's absorbency) | | |
| **Elongation at break**<br>7 d, 21 °C (DIN ISO 527) | **with Portland Cement CEM II B-S 32.5 R** | ≈ 60% | | |
| **Sealing** | | up to ≈ 6 bar water pressure<br>(2 operations, at least 1 mm dry layer thickness) | | |
| **$S_d$ value** | | ≈ 1.5 m (at 1.3 mm dry layer thickness) | | |
| **EPD** | | EPD-DBC-20220147-IBF1-EN | | |
| **Exposure scenarios according to REACH** | | Assessment of industry standard application | | |

The specified data are values determined under laboratory conditions and are subject to a certain fluctuation.
Deviations are possible in practice depending on the respective object situation.

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## Preparatory work

**Structural analysis before application:**

- Nature of the substrate
- Structural conditions (temperature and air moisture)
- Water load classes
- Existing surface interruptions due to fitted structures (e.g. pipe ducts)

**This results in:**

- Selection of suitable material
- Pretreatment of the substrate

Substrates must be free of loose and separative substances. Close or rub of open joints, cavings and roundings in corners to obtain a closed, smooth surface. Existing, well-adhering bituminous coatings can be reworked after cleaning.

## Application instruction

- Application by roller or wide brush
- Protected from mechanical damage (e.g. by perimeter insulation)
- Only use pure WEBAC material without any residues of cleaning agents or other impurity
- Air moisture and solar radiation influence the curing speed

## Mixing

- Stir material thoroughly
- Mix homogenously with 1 : 0.8 parts by weight Portland Cement CEM II B-S 32.5 R

## Application

- It is recommended to apply a thin coat of primer (**WEBAC® 5611** without cement) before the application of **WEBAC® 5611**
- Apply the material to the surface immediately after mixing with a roller or flat trowel
- Reinforcing fabric can be used to reinforce corners and bridge expansion joints

## Final work and cleaning

- Clean the equipment with water

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## Product data

| | |
|---|---|
| **Material consumption** | ≈ 1 kg/m² per 1 mm layer thickness **WEBAC® 5611** and 0.8 kg/m² CEM II B-S 32.5 R |
| **Delivery form** | **Unit**<br>24.1 kg<br>10 kg<br>5 kg |
| **Storage** | • Between 5 °C and 30 °C<br>• Protected from frost<br>• Protected from moisture, heat and light<br>• In original, sealed containers |

## Occupational safety

The safety regulations of the industrial trade associations and the WEBAC Safety Data Sheets are to be observed at all times when working with this product. Safety data sheets according to Regulation (EC) No. 1907/2006 (REACH) must be accessible to all persons responsible for occupational safety, health protection and the handling of materials. For further information, please see the separate information sheet “Occupational Safety” in our product catalog or www.webac.com.

## Waste disposal

In Germany, empty containers can be disposed of via “Interzero Circular Solutions Germany GmbH” observing the respective terms and conditions. It is not possible to dispose of containers at production facilities or delivery warehouses. For more detailed information, please see the separate information sheet “Disposal Notes” in our product catalog or www.webac.com and the safety data sheets.

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