



- ▶ WEBAC® 5621P and WEBAC® 5622P/F are polymer-modified bituminous thick coatings (PMB, formerly known as KMB) according to EN 15814 for sealing structural elements with ground contact, either filled with polystyrene or fiber-reinforced.

Range of application

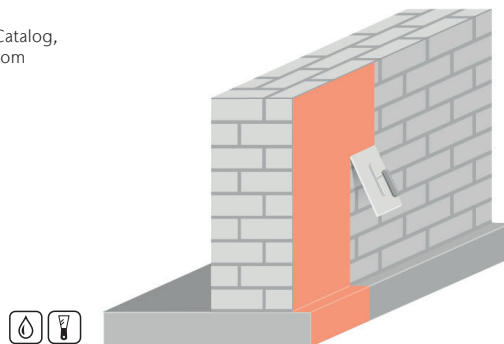
- Polymer-modified bituminous thick coating for sealing structures with ground contact according to EN 15814 (CE Declaration of Performance/3)
- Sealing of basements in underground parking garages, wet rooms and retaining walls
- Adhesive for insulation, protection and drainage boards

Properties

- Highly flexible
- Environmentally friendly
- Fast curing

Example

Meaning of the icons ▶ WEBAC Product Catalog, www.webac.de or www.webac-grouts.com



*Sealing structures
with ground contact*

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▶ Technical Information

All the data indicated in this technical data sheet and any related information provided by our employees are of an advisory nature representing our current state of knowledge and in no way binding. As the exact chemical, technical and physical conditions of the actual application are beyond WEBAC's control, this information does not preclude examination of the products and/or procedures for the intended application and surface by the user. WEBAC is thus unable to guarantee results. The user is fully responsible for the observation of existing regulations and conditions when using the products.
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Technical data

	Values		
	WEBAC® 5621P synthetically modified	WEBAC® 5622P filled with polystyrene	WEBAC® 5622F fibre-reinforced
Mixing ratio	–	4 : 1 parts by weight	22 : 8 parts by weight
Density of mixture	≈ 0.7 kg/l	≈ 0.8 kg/l	≈ 1.2 kg/l
Viscosity	≈ 200 dPa·s	≈ 230 dPa·s	≈ 220 dPa·s
Application temperature	≈ 5–30 °C / 41–86 °F		
Pot life*	≈ 2–4 h		
PH value	≈ 9.0–11.0		
Solids content at 105 °C / 221 °F (ISO 3251)	> 60%		
Rain resistance*	after 5 h	after 4.5 h	after 4 h
Full curing*	minimum 4 d	≈ 2–3 d	≈ 1–2 d
Heat resistance (DIN 52123)	≥ 70 °C / 158 °F		
Cold bending behavior (DIN 52123)	≤ 0 °C / 32 °F		
Watertightness (DIN 52123)	waterproof, 1 mm slot width		
CE classification (EN 15814:2011+A2:2014)	PMB-W2A, CB2, C2A		
Crack bridging (EN 15814:2014+A2:2014)	≥ 2 mm at 4 °C / 39 °F		
EPD	EPD-DBC-2013211-D		
Exposure scenarios according to REACH	Assessment of industry standard application		

* depending on air moisture, temperature, layer thickness and surface

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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Surface Sealings

WEBAC® 5621P, 5622P/F CE



Preparatory work

Structural analysis:

- 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 provides following information:

- Selection of the suitable product
- Pretreatment of the substrate
- Substrates must be free of loose and separative substances
- Pretreat substrate to obtain a closed, smooth surface of good grip
- Existing, well-adhering bituminous coatings can be reworked after cleaning
- An installation finish must be applied on concrete substrates before applying the bituminous thick coating; the coating material itself can be used as installation finish



Mixing

WEBAC® 5621P

- The material is ready to use. Stir the material thoroughly, e.g. with a slow running anchor stirrer

WEBAC® 5622P/F

- Briefly stir component A (liquid), e.g. with a slow running anchor stirrer
- Add component B (powder) to the container of component A and mix homogeneously



Application instruction

- Protect from mechanical stress (e.g. by perimeter insulation)
- Only use pure WEBAC material without any residues of cleaning agents or other impurity



Application

- Apply the **polymer modified bituminous thick coating** at the respectively required layer thickness by smoothing trowel or trowel in at least two operations
- Air moisture and light influence the curing speed

For further information on the use of bituminous coatings, refer to the current standards!



Cleaning

- Clean the equipment thoroughly with water
- Remove cured residues with white spirit

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Surface Sealings

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Product data			
Application	By smoothing trowel or trowel		
Packing	WEBAC® 5621P	WEBAC® 5622P	WEBAC® 5622F
	Unit 30 l	Unit 30 l	Unit 30 kg
Storage	<ul style="list-style-type: none"> • Between 5 °C / 41 °F and 30 °C / 86 °F • Protect from frost • Protect from moisture, heat and light • In original, sealed containers 		

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Consumption/dry layer thickness	WEBAC® 5621P		WEBAC® 5622P		WEBAC® 5622F	
	Layer thickness in mm (≈) dry · wet	Consumption per m ² (≈)	Layer thickness in mm (≈) dry · wet	Consumption per m ² (≈)	Layer thickness in mm (≈) dry · wet	Consumption per m ² (≈)
Stress/load						
Scratch primer	–	1–2 l	–	1–2 l	–	1.2–2.4 kg
Soil moisture and non-accumulating seepage water (DIN 18195, part 4)	3.0 · 3.7	3.7 l	3.0 · 3.7	3.7 l	3.0 · 3.6	4.3 kg
Non-pressing water on ceiling surfaces and in wet rooms, moderate stress* (DIN 18195, part 5)	3.0 · 3.7	3.7 l	3.0 · 3.7	3.7 l	3.0 · 3.6	4.3 kg
Accumulating seepage water* (DIN 18195, part 6)	4.0 · 4.9	4.9 l	4.0 · 4.9	4.9 l	4.0 · 4.8	5.8 kg
Installation of polystyrene boards	–	1–2 l	–	1–2 l	–	1.2–2.4 kg

* according to DIN 18195, part 5 and 6

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Test certificate

- Declaration of performance according to Construction Products Regulation

Occupational safety/waste disposal

- ▶ Downloads on webac-grouts.com



webac-grouts.com/downloads

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