



▶ WEBAC® 4430 is a chemical resistant epoxy leveling coating for high loads.

**Range of application**

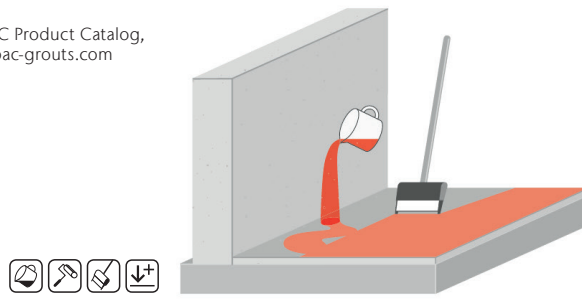
- Leveling coating for concrete suitable for pedestrians and rolling traffic or cement screed (standard color approx. RAL 7030)
- Filled as screed according to EN 13813 (CE-Declaration of Performance/4)

**Properties**

- High toughness
- Resistant to mechanical stress
- Abrasion resistant (high wear resistance)
- Total solid\*

**Example**

Meaning of the icons ▶ WEBAC Product Catalog, [www.webac.de](http://www.webac.de) or [www.webac-grouts.com](http://www.webac-grouts.com)



*Leveling coating*

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\*according to test method by Deutsche Bauchemie e.V. (German Industry Association for Manufacturers of Construction Chemicals)

▶ **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. © WEBAC-Chemie GmbH. Version 03/17

# Epoxy Coating Systems – Coatings

## WEBAC® 4430 CE

# WEBAC®

Technical data	Values		
Mixing ratio	4 : 1 parts by weight		
Density, 20 °C / 68 °F (ISO 2811)	<b>Comp. A</b>	≈ 1.5 g/cm <sup>3</sup>	
	<b>Comp. B</b>	≈ 1.0 g/cm <sup>3</sup>	
Apparent density	≈ 1.5 g/cm <sup>3</sup>		
Pot life	at immediate spreading on coating area	20 °C / 68 °F ≈ 40 min	12 °C / 54 °F ≈ 45 min
	in container	20 °C / 68 °F ≈ 20 min	12 °C / 54 °F ≈ 30 min
Application temperature Building structure and material	> 12 °C / 54 °F		
Adhesive strength on concrete 7 d, 21 °C / 70 °F (EN 1542)	dry	without priming	with priming
		≈ 3.5 N/mm <sup>2</sup>	> 4 N/mm <sup>2</sup>
Compressive strength 7 d, 21 °C / 70 °F (ISO 604)	≈ 55 N/mm <sup>2</sup>		
Bending tensile strength 7 d, 21 °C / 70 °F (ISO 178)	≈ 54 N/mm <sup>2</sup>		
Tensile strength • elongation at break 7 d, 21 °C / 70 °F (ISO 527)	≈ 20 N/mm <sup>2</sup> • ≈ 5%		
E modulus 7 d, 21 °C / 70 °F (ISO 527)	≈ 3,900 N/mm <sup>2</sup>		
Shore hardness D 7 d, 21 °C / 70 °F (EN 868)	≈ 80/75		
CE classification (EN 13813)	SR - B2.0 - AR0.5 - IR4		
Fire behavior	B2 according to DIN 4102-4. 2.3.2		
GISCODE	RE1		
EPD	EPD-DBC-20130042-IBE1-DE		
Exposure scenarios according to REACH	Assessment of industry standard application		

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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:

- Inspection of the substrate
  - Moisture condition (dry, damp or wet)
  - Surface strength (> 1.5 N/mm<sup>2</sup>)
  - State of the surface (soiled, oily)
- Observe Dew Point Table (the substrate temperature must be 3 °C / 37 °F above dew point temperature to avoid condensation)

Substrates must be open-pored and free of cement paste layers, loose particles and separative substances such as oil, grease and similar.



### Mixing

- Briefly stir component A. Add component B to the container of component A (make sure that the containers are completely empty) and mix homogenously
- Transfer the mixed material to another clean bucket and stir briefly



### Application instruction

- The mixture must be used completely within the specified pot life
- Only use pure WEBAC material without any residues of cleaning agents or other impurity
- The pot life/curing time are influenced by the amount of material/layer thickness and the temperature of the material/building structure – higher temperatures accelerate, lower temperatures slow down the reaction



### Application

- Apply the coating to the primed surface at the desired layer thickness by blade, trowel or serrated trowel immediately after mixing
- Vent with a porcupine roller



### Cleaning

- Clean the equipment with **WEBAC Cleaner A**
- Never use **WEBAC Cleaner A** for diluting products; avoid mixing with the coating material
- Use **WEBAC Cleaner B** for dissolving cured material
- Observe the technical data sheets of the cleaners used

Product data							
Application	By blade or serrated trowel						
Material consumption	≈ 1.5 kg/m <sup>2</sup> per 1 mm layer thickness						
Packing (standard color approx. RAL 7030)	<table border="1"> <thead> <tr> <th>Comp. A</th> <th>Comp. B</th> </tr> </thead> <tbody> <tr> <td>24 kg</td> <td>6 kg</td> </tr> <tr> <td>12 kg</td> <td>3 kg</td> </tr> </tbody> </table>	Comp. A	Comp. B	24 kg	6 kg	12 kg	3 kg
Comp. A	Comp. B						
24 kg	6 kg						
12 kg	3 kg						
Storage	<ul style="list-style-type: none"> <li>• Between 5 °C / 41 °F and 30 °C / 86 °F</li> <li>• Protect from moisture</li> <li>• In original, sealed containers</li> </ul>						
Compatibility/Resistance	<ul style="list-style-type: none"> <li>• Compatible with masonry mortar, concrete, steel, foil, cable sheathing and WEBAC injection materials</li> <li>• Resistant to diluted acids and alkalis, lubricants, oil and fuels</li> </ul>						

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### Test certificates

- Declaration of performance according to Construction Products Regulation
- Further test certificates on request

### 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-grouts.com](http://www.webac-grouts.com).

### Waste disposal

In Germany, empty containers can be disposed of via "Interseroh Dienstleistungs 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 "Information on the disposal and return of WEBAC packaging" in our product catalog or [www.webac-grouts.com](http://www.webac-grouts.com) and the safety data sheets.