

WEBAC OS 8 System

WEBAC® 4290 + WEBAC® 4490



Range of application

- Coating system according to DIN EN 1504-2:2005 (CE-Declaration of Performance/2+)
- for interior parking areas and underground parking garages

WEBAC® 4290

- Primer
- Scratch coat

WEBAC® 4490

- Coating for the manufacture of intermediate coats and sealers

Special properties

- Good abrasion resistance
- Resistant to mechanical stress
- Accessible to pedestrians and vehicles
- Good chemical resistance
- Total solid*

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Instructions for use

WEBAC® 4290

- by putty knife, trowel, rubber scraper, masonry trowel, blade, roller

WEBAC® 4490

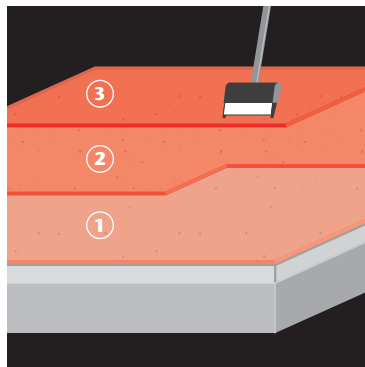
- by rubber scraper, roller, brush

Mixing

- Empty components A and B into a mixing vessel (make sure the containers are completely empty) and mix for at least 2 minutes until homogenous (streak-free)
- Transfer the mixed material to another clean container and stir briefly

Exemplary application

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



1. Priming with **WEBAC® 4290** and scattering
2. Intermediate coat with **WEBAC® 4490** and scattering
3. Top sealing coat with **WEBAC® 4490**



*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 07/16



Technical parameters	Values	
	Primer WEBAC® 4290	Scratch coat WEBAC® 4490
Mixing ratio	2 : 1 parts by weight	4 : 1 parts by weight
Density	1.1 g/cm ³	1.3 g/cm ³
Workable life, 23 °C	± 35 min	± 45 min
Application temperature	10 °C – 25 °C	15 °C – 25 °C
Curing time, 23 °C 50 % air humidity	accessible: ± 24 h fully loadable: 7 d	accessible: ± 24 h fully loadable: 7 d
Consumption	approx. 0.3 – 0.4 kg/m ²	Intermediate coat: approx. 0.8 kg/m ² Top sealing coat: approx. 0.6 kg/m ²
Slip resistance	R13	
Displacement	V4	
CE-classification (DIN EN 1504-2)	ZA. 1d, ZA. 1f and ZA. 1g	
GISCODE	RE1	
EPD	EPD-DBC-20130015-IBE1-DE	EPD-DBC-20130032-IBE1-DE
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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General Information

WEBAC OS 8 System

- ▶ The primer WEBAC® 4290 and the coating WEBAC® 4490 are solvent-free, low viscosity epoxy resins for the manufacture of coatings within the OS 8 system. They are resistant to diluted acids, lyes, salt solutions and oils.



Preparatory work

Structural analysis before the application:

- Inspection of the substrate
 - Moisture condition (dry, damp or wet)
 - Surface strength (> 1.5 N/mm²)
 - Concrete quality (slight stress: C 20/25, as of medium stress: C 30/37)
 - State of the surface (soiled, oily)
- Observe Dew Point Table (the substrate temperature must be 3 °C above dew point temperature to avoid condensation)

This provides information on:

- Selection of suitable primer

Substrates must be open-pored and free of cement paste layers, loose particles and separative substances such as oil, grease and similar. Cracks in the substrate must be closed by means of suitable measures (impregnation/injection).



Mixing

- The containers are provided according to the required mixing ratio
- Partial quantities can be measured out in separate vessels
- The mixture must be used up within the specified working time

Please observe the mixing instructions for the respective product.



Application

Coating system:

- Scattering with WEBAC® 4290 scattering with 0.3 – 0.8 mm quartz sand (5 – 6 kg/m²)
- Intermediate coat with WEBAC® 4490 scattering with 0.3 – 0.8 mm quartz sand (4 – 5 kg/m²)
- Top sealing coat with WEBAC® 4490

Apply the primer to the substrate by putty knife, trowel, rubber scraper, masonry trowel, blade or roller. Apply the material evenly to the entire substrate avoiding the formation of puddles. The primer must fill all pores and cavities on the entire substrate.

Apply the coating to the substrate by roller or brush or distribute it on the surface by rubber scraper.



Cleaning

- Clean the equipment with WEBAC® Cleaner A any time work is interrupted for a longer period of time and after use.



Storage

- Between 15 °C and 25 °C
- Protected from moisture
- In original, sealed containers

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General Information

WEBAC OS 8 System

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.

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 and the safety data sheets.

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