



- ▶ WEBAC® 4290+4490 is a 3-coat system consisting of primer WEBAC® 4290 and intermediate coat/topcoat WEBAC® 4490. It is designed for high loads in parking areas (indoor) and underground car parks.

### Range of application

- Coating system according to EN 1504-2 (CE-Declaration of Performance/2+)
- For indoor parking areas and underground parking garages

#### WEBAC® 4290

- Primer
- Scratch coat

#### WEBAC® 4490

- Coating for intermediate and finishing layer

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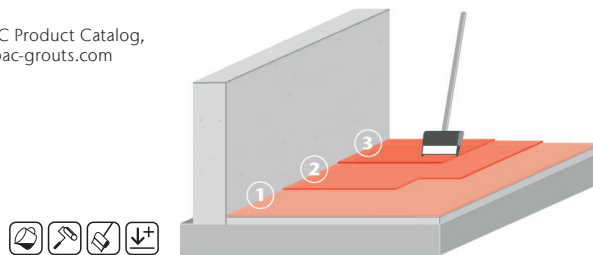
[www.webac.de](http://www.webac.de)

### Properties

- Good abrasion resistance
- Resistant to mechanical stress
- Accessible to pedestrians and rolling traffic
- Good chemical 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)



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 03/17

## Epoxy Coating Systems – OS 8

# WEBAC® 4290 + 4490

# WEBAC®

### Technical data

	Values	
	Primer WEBAC® 4290	Coating WEBAC® 4490
Mixing ratio	2 : 1 parts by weight	4 : 1 parts by weight
Density	≈ 1.1 g/cm <sup>3</sup>	≈ 1.3 g/cm <sup>3</sup>
Pot life, 23 °C / 73 °F	± 35 min	± 45 min
Application temperature	≈ 10 °C / 50 °F – 25 °C / 77 °F	≈ 15 °C / 59 °F – 25 °C / 77 °F
Curing time, 23 °C / 73 °F 50% air moisture	accessible to pedestrians: ± 24 h fully loadable: ≈ 7 d	accessible to pedestrians: ± 24 h fully loadable: ≈ 7 d
Slip resistance	R13	
Displacement	V4	
CE classification (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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### 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

- Empty component A and B into a bucket (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 bucket and stir briefly



### Application instruction

- The mixture must be used completely within the specified pot life



### Application

#### Coating system:

- Primer with **WEBAC® 4290** scattering with 0.3 – 0.8 mm quartz sand (5 – 6 kg/m<sup>2</sup>)
- Intermediate coat with **WEBAC® 4490** scattering with 0.3 – 0.8 mm quartz sand (4 – 5 kg/m<sup>2</sup>)

#### Primer **WEBAC® 4290**:

- Apply **WEBAC® 4290** by putty knife, trowel, rubber scraper, masonry trowel, blade or roller
- Apply primer **WEBAC® 4290** evenly to the entire substrate avoiding the formation of puddles
- The primer must fill all pores and cavities/voids on the entire substrate

#### Top sealing coat with **WEBAC® 4490**:

- 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**
- Use **WEBAC® Cleaner B** for dissolving cured material
- Observe the technical data sheets of the cleaners used

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Product data	Values			
	Priming WEBAC® 4290		Coating WEBAC® 4490	
Application	By putty knife, trowel, rubber scraper, masonry trowel, blade or roller		By rubber scraper, roller or brush	
Material consumption	≈ 0.3 – 0.4 kg/m <sup>2</sup>		Intermediate coat: ≈ 0.8 kg/m <sup>2</sup> Top sealing: ≈ 0.6 kg/m <sup>2</sup>	
Packing	Comp. A 20 kg Combi: 6.65 kg	Comp. B 10 kg 3.35 kg	Comp. A 24 kg Combi: 8 kg	Comp. B 6 kg 2 kg
Storage	<ul style="list-style-type: none"> <li>• Between 15 °C / 59 °F and 25 °C / 77 °F</li> <li>• Protect from moisture</li> <li>• In original, sealed containers</li> </ul>			
Compatibility/Resistance	<ul style="list-style-type: none"> <li>• Resistant to water, alkalis, saline solutions, diluted acids and mineral oils</li> </ul>			

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**T Test certificates**

- Declaration of performance according to Construction Products Regulation
- Test Certificate Slip Resistance

**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.

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