



► WEBAC® 4270 is a special primer for dry, damp or wet, open-pored mineral substrates.

Range of application

- Special primer for oily and wet substrates
- Additional barrier for coatings (according to WHG (Federal Water Act)) in case of oily substrates
- Resin screed according to EN 13813 (CE-Declaration of Performance/4)
- Economical scratch primer
- Adhesive agent between existing and new concrete

WEBAC-Chemie GmbH
Fahrenberg 22
22885 Barsbüttel
Germany
Tel. +49 40 67057-0
Fax +49 40 6703227
info@webac.de

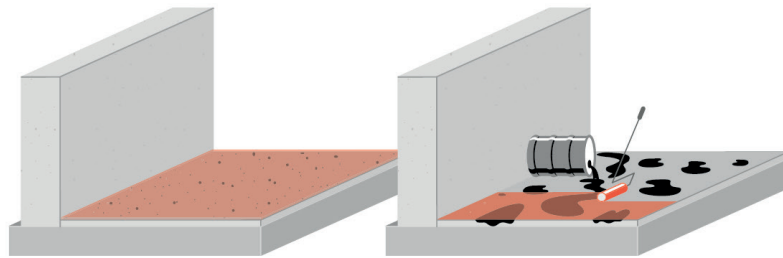
www.webac.de

Properties

- Low viscosity
- Water reactive
- Compatible with oil/moisture
- Resistant to frost and de-icing salt
- Total solid*

Examples

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



Scratch primer

Barrier for oily substrates

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

Epoxy Coating Systems – Primers

WEBAC® 4270 CE

Technical data	Values			
Mixing ratio	3 : 1 parts by volume			
Density, 20 °C / 68 °F (ISO 2811)	Comp. A	≈ 1.1 g/cm ³		
	Comp. B	≈ 0.94 g/cm ³		
Pot life		30 °C / 86 °F ≈ 15 min	20 °C / 68 °F ≈ 20 min	12 °C / 54 °F ≈ 40 min
Application temperature Building structure and material	> 8 °C / 46 °F			
Viscosity of mixture		30 °C / 86 °F ≈ 80 mPa·s	23 °C / 73 °F ≈ 120 mPa·s	12 °C / 54 °F ≈ 250 mPa·s
Adhesive strength on concrete 7 d, 21 °C / 70 °F (EN 1542) wet (EN 13578)	dry	≈ 4.2 N/mm ²		
	oily	≈ 3.6 N/mm ²		
	wet	≈ 3.2 N/mm ²		
Compressive strength 7 d, 21 °C / 70 °F (ISO 604)	≈ 50.0 N/mm ²			
Bending tensile strength 7 d, 21 °C / 70 °F (ISO 178)	≈ 57.0 N/mm ²			
CE classification (EN 13813)	SR - B2.0			
Fire behavior	B2 according to DIN 4102-4. 2.3.2			
GISCODE	RE1			
EPD	EPD-DBC-20130023-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.

WEBAC-Chemie GmbH
Fahrenberg 22
22885 Barsbüttel
Germany
Tel. +49 40 67057-0
Fax +49 40 6703227
info@webac.de

www.webac.de



Preparatory work

Structural analysis:

- Inspection of the substrate
 - Moisture condition (dry, damp or wet)
 - Surface strength (> 1.5 N/mm²)
 - 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 at the given mixing ration into a bucket (make sure that the containers are completely empty) and mix homogeneously
- 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

Primer

- Apply the primer to the substrate by brush, roller or rubber scraper
- Apply the material evenly covering the entire surface in one or several operations (depending on the substrate's absorbency) avoiding puddle formation
- In case of oily substrates, the primer must be worked in thoroughly
- The primer must fill all pores and cavities/voids
- It is not necessary to scatter quartz sand onto the primer if it is coated within 24 hours

Scratch- and leveling primer

- Fill the material with stoved quartz sand, mix well and distribute on the surface by trowel, scraper or rubber scraper immediately after mixing
- When working on sloping or vertical surfaces the material can be additionally rendered thixotropic by adding a set-up agent (**WEBAC. ST200/300**)
- If necessary, vent the installation and leveling finish with a porcupine roller and scatter with stoved quartz sand



Cleaning

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

Product data

Application	By brush, roller, rubber scraper or trowel	
Material consumption depending on the substrate's absorbency	Primer	≈ 300 g/m ²
	Scratch primer mixing ratio 1 : 5 parts by weight, per mm layer thickness	≈ 300 g/m ² WEBAC® 4270 with 1.5 kg/m ² quartz sand (grain size 0.3–0.7 mm)
	Epoxy mortar mixing ratio 1 : 10 parts by weight, per mm layer thickness	≈ 300 g/m ² WEBAC® 4270 with 3.0 kg/m ² quartz sand (grain size 0.1–1.2 mm, mixture of 0.1–0.3/0.3–0.7 and 0.7–1.2 mm (per 33 parts by weight))
Packing	Comp. A 18 kg 10 kg 3 kg	Comp. B 5 kg 2.7 kg 0.81 kg
Storage	<ul style="list-style-type: none"> • Between 5 °C / 41 °F and 30 °C / 86 °F • Protect from moisture • In original, sealed containers 	
Compatibility/Resistance	<ul style="list-style-type: none"> • Compatible with masonry mortar, concrete, steel, foil, cable sheathing and WEBAC injection materials • Resistant to diluted acids and alkalis, lubricants, oil and fuels 	

WEBAC-Chemie GmbH
Fahrenberg 22
22885 Barsbüttel
Germany
Tel. +49 40 67057-0
Fax +49 40 6703227
info@webac.de

www.webac.de

 **Test certificate**

- Declaration of performance according to Construction Products Regulation

the separate information sheet "Occupational Safety" in our product catalog or www.webac-grouts.com.

 **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

 **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.

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