



**Description:** **cds-Sealer GBw** is an environmentally friendly water emulsifiable, epoxy resin based 2-component material without any solvents. After mixing of base component and hardener it must be diluted with clean water. By adding cds-Filler 1315 it is possible to apply coatings of 1-2 mm thickness. The solidification of the coating is promoted not only by chemical hardening but also by drying.

**Application:** **cds-Sealer GBw** is tough after curing and produces a silky-glossy film with good abrasion resistance. **cds-Sealer GBw** is used for colored sealing of floor and wall surfaces made of concrete, cement screed, cement plaster and fiber cement. It is also suitable for sealing fresh cement screeds as soon as they are resilient and surface-dry. Fresh screed may only be sealed in one layer. Before the application of additional layers, the screed must be dried out. For the sealing of mastic asphalt and asphalt fine concrete (indoors only) it is advisable to carry out a liability test beforehand. In special cases, **cds-Sealer GBw** is also suitable for sealing magnesite floors.

**Properties:** Specific weight (mixture): 1,38 g/cm<sup>3</sup> readily mixed sealer  
 Mixing ratios:

	Primer and sealer	
<b>cds-Sealer GBw</b>	12,80 kg	6,40 kg
Hardener for dto.	7,20 kg	3,60 kg
Water to be added by yourself	5,00 kg	0,50 kg
	<b>25,00 kg</b>	<b>12,50 kg</b>

	Primer and coating	
<b>cds-Sealer GBw</b>	12,80 kg	6,40 kg
Hardener for dto.	7,20 kg	3,60 kg
Water to be added by yourself	5,60 kg	0,50 kg
<b>cds-Filler 1315</b>	35,60 kg	17,80 kg
	<b>61,20 kg</b>	<b>30,60 kg</b>

**cds-Sealer GBw** is resistant to negative impacts from mineral oils, fuels and lubricants, salt solutions, e.g. de-icing products. **cds-Sealer GBw** is not Skydrol resistant and not suitable for permanent water effects (such as swimming pools).

	Application time (minutes)			Hardening (walkable) (hours)			Chemically stable after (days)		
	+ 15 °C	+ 20 °C	+ 30 °C	+ 15 °C	+ 20 °C	+ 30 °C	+ 15 °C	+ 20 °C	+ 30 °C
hardener	75	50	25	36	20	12	10	7	5

**Attention:**  
 On no account surpass the processing times because **cds-Sealer GBw** cannot harden orderly beyond these times. The material condition does not show the end of the processing time!

Lowest application temperature: + 10 °C

Highest application temperature: + 30 °C



Color deviations are unavoidable due to raw materials. For this reason, mix base components beforehand with different batches or ensure a clear visual boundary.  
The addition of fillers can lead to color variations in bright colors.

**Subsurface:** The cementitious subsurface need withstand stress and loads and must be clean, dry and free from any oils and fats. Water-repellent contaminants such as concrete post-treatment must be removed. If necessary, by grinding, granulation or shot peening.

**Mixing:** Base (A) and hardening components (B) are packed in the exactly measured mixing ratio. Pour component B completely into component A, and then mix the components together thoroughly. Scrape off the sides and bottom of the mixing container repeatedly and thoroughly during mixing. **Then mix in the appropriate amount of water in portions.** In order to prevent mixing errors, pour the pre-mixed material into a clean container, and again stir thoroughly.

**Processing:** Apply only, if less than 80 % relative air humidity. During processing and hardening of material, the ambient temperature as well as the subsurface temperature must be 15 °C at least. Furthermore, the subsurface temperature should not be less than 3 °C above the existing dew point temperature.

### 1. Priming:

Apply with roller the **cds-Sealer GBw** in function of the subsurface absorption capacity at a rate of some 250-350 g/m<sup>2</sup>. After the **cds-Sealer GBw** is hardened (1 day minimum), apply the second layer.

### 2. Coating:

Apply with a dented spatula, for inst. „Bonum No. 5“ 2,5 to maximum 3 kg/m<sup>2</sup>.

### 3. Finish sealing:

Next day, apply with a roller 200-250 g/m<sup>2</sup> **cds-Sealer GBw**.  
To get a rough surface add 10 pbw fine sand (0,1-0,3 mm) into the finish.

Application on vertical surfaces is possible after having added 3-5 % thixotrop agent.

### Attention:

On no account surpass the processing times because **cds-Sealer GBw** cannot harden orderly beyond these times. The material condition does not show the end of the processing time!

**Cleaning:** Tools should be cleaned immediately after the end of the work or before extended interruption of the work using **cds-EP-Thinner/Cleaner**. Material components and cleaner must not be allowed to enter the drainage system, water or ground water, but must be disposed of properly.



We recommend the use of a single care. A one-time care is a temporary wear or contamination protection and facilitates the maintenance cleaning. Due to the low layer thickness, we recommend repeating the care in fixed cycles. Detailed information can be obtained from the specialist advice of the detergent manufacturer.

**Delivery sizes:** 10 kg and 20 kg containers incl. hardener

**Colours:** Colourless  
Several colours on request.

**Storage:** 1 year under cool, dry, frost-free storage in the original sealed container. Avoid direct contact with sunlight.

**Danger warnings:** Avoid contact with the skin, especially in the case of the hardening components. Use a grease-free skin protection cream. If spray or splashes get into the eyes, rinse thoroughly with water and seek medical assistance immediately.

Please observe the prevailing general safety and protection regulations together with the danger warnings and safety suggestions on the supply containers. Containers must be stored out of the reach of children, and children should also be kept out of the area during application.

After hardening the product is physiologically harmless.

Cured leftovers can be depolluted in an appropriate incineration plant.

EU-limit, according to Deco-paint code (VOC-content): include < 140 g/l (2010)

<b>ADR class:</b>	Base component A:	Class 9, III
	Hardener (B):	none

Our information about our products and equipment, as well as our systems and procedures, is based on comprehensive research work and technical experience. These results are provided, either verbally or in writing, to the best of our knowledge and experience, and we accept no further liability over and above that of the relevant contract in question. We also reserve the right to make technical changes and modifications during the course of product development. In addition, our Technical Service is available on request for further advice or assistance in the resolution of any technical or application problems. This does however not relieve the user of the responsibility to check our information and recommendations on his own responsibility prior to using the product for his own purposes. This applies - particularly in the case of foreign deliveries - also with respect to the protection of the proprietary rights of third parties, as well as for applications and procedures not specifically specified by us in writing. In the event of damage, our liability is restricted to replacement to the same degree or extent, as defined in our General Terms and Conditions of Business for Deliveries and Services.