

**cds-Mortar 0-1 FB**  
 Technical Data Sheet No. 8846

**Description:** **cds-Mortar 0-1 FB** is a solvent-free, 100 % reactive pre-packed 2-component epoxy resin with special fillers.

**Application:** **cds-Mortar 0-1 FB** is used to repair curb stones and, even as a thin, approximately 2 mm, thick layer, it excels itself by its especially easy application on horizontal and vertical surfaces.

**Properties:** **cds-Mortar 0-1 FB** is resistant to ageing and indifferent towards alkalinity of freshly poured concrete.

Specific weight (mixture): 2,0 g/cm<sup>3</sup>

Solids content: 98 ± 2 weight %

Mixing ratio: 96:4

	Application time (minutes)			Hardening (walkable) (hours)			Chemically stable after (days)		
	+ 10°C	+ 20°C	+ 30°C	+ 10°C	+ 20°C	+ 30°C	+ 10°C	+ 20°C	+ 30°C
Hardener S	-	30	15	-	15	8	-	7	5
Hardener FH	20	15	-	18	10	-	10	7	-
Hardener FH-Super	15	5	-	9	4	-	4	2	-

Lowest application temperature: + 15 °C with hardener S  
 + 5 °C with hardener FH  
 + 3 °C with hardener FH-Super

Compression strength: more than 60 N/mm<sup>2</sup>

Flexible strength: more than 20 N/mm<sup>2</sup>

Adhesive strength: above 2,5 N/mm<sup>2</sup> (cracking in concrete)

Shrinkage: less than 0,1 %

**Subsurface:** The thorough, careful cleansing is critical for the bonding. Any sections which are loose or have come off and any dust particles should be removed as well. Oil and other fatty, dirty layers are detrimental to bonding. They should be removed too. After pre-treatment concrete should have an adhesive strength of more than 1,5 N/mm<sup>2</sup>.

**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. In order to prevent mixing errors, pour the pre-mixed material into a clean container, and again stir thoroughly.



- Processing:** Both components are supplied in disposable containers (bucket or hobbock/plastic bottle).  
The contents in the bucket or hobbock should be mixed well, then pour the hardener (plastic bottle) and mix intensively; make sure at the same time that materials on bucket or hobbock walls and bottoms are scraped off carefully several times.  
Mixing errors are best avoided if the container content is poured into another clean container after mixing has been completed. Finally, carefully agitate the mix once more. When preparing large quantities, the use of a double zone mixer is recommended. Suitable are electrically, manual agitators (such as drilling machines rotating slowly at max. 400 rpm with screw basket mounted). Forced mixers are most appropriate. The mortar should then be applied without any delay within 30-45 minutes. **cds-Mortar 0-1 FB** must be applied on fresh, not yet hardened **cds-Adhesive**.
- 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.
- Delivery sizes:** 8 kg, 20 kg containers and 25 kg plastic bags inclusive of hardener
- Colours:** concrete grey
- Storage:** One year in original, sealed container, in cool, frost-free, dry storage (+15°C to +20°C).
- 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): contains < 500 g/l (2010)
- GGVS/ADR class:** Base component A: not applicable  
Hardener S and FH (B): Class 8, III
- 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.