



Description: **cds-Pouring Concrete UW flex** is an easy pourable 2 component epoxy resin material filled with minerals which is permanently flexible. The product fulfils the requirements of the ICAO and the FAA guidelines (AC150/5370-10C).

Application: In airfield construction to fix in pavement lights in asphalt concrete pavements and concrete. It is also possible to cast metal anchorages, such as anchor bolts and threaded bolts, as well as dowels in crash barrier and bridge construction.

Properties: Specific weight (mixture): 1.74 g/cm³
 Mixing ratio: 77:23
 Solids content: 99±1 %by weight

	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	15	10	5	12	2	1	3	2	1

Lowest application temperature: + 8 °C
 Highest application temperature: + 30 °C
 Tensile strength: 3.9 N/mm²
 Expansion: 60 %
 Adhesive strength to concrete: > 1,5 N/mm²
 Temperature resistance: up to approx. 80 ° permanent strain
 up to approx. 120 °C for short periods
 Heat conductivity: 0,5 W/mK

Subsurface: Drilled holes or slots must be free of dust, loose stone, drilling sludge and other impurities. Stagnant water must be removed; the concrete can be poured on a lightly moist (damp) underground.

Mixing: Base (A) and hardener (B) components are packaged in a precisely measured mixing ratio. If Comp. A shows a hard sediment due to long storage, it must be loosened with a trowel before stirring. Comp. A (without hardener) must be stirred without lumps. Stirring time 3 to 5 minutes (check with a watch !). For stirring and mixing, an electric hand mixer is recommended, e.g. a low-speed drill (300-400 rpm) with an attached mixing basket. When mixing, sharply wipe the sides and bottom of the container several times. Mixing time 1-2 minutes. Then pour into a clean container and mix again thoroughly. Complete mixing can be recognised by the uniform appearance of the material. Pour the mixed material immediately.

Processing: If no subsequent repotting and remixing was carried out when mixing Comp. A with hardener component B, the material may only be poured out during processing and not additionally scraped out of the container in order to prevent material components that



are not or only incompletely mixed with hardener and that adhere to the container walls from being processed as well.

- 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 container including of hardener
- Colours:** Grey or black (for flush lights in asphalt)
- Storage:** Can be stored for two years. Keep the can fully sealed and dry and store it at a temperature of + 15°C to + 20°C if possible. Avoid direct 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.
- ADR class:** EU-limit, according to Decopaint code (VOC-content): include < 500 g/l (2010)
Giscode: RE 1
Base component A: Class 9, III
Hardener (B): Class 8, II

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.