



**Description:** **cds-AGL SlotRestore rigid eco** is a plasticiser-free, low-viscosity, two-component reaction resin based on epoxy resin.  
**cds-AGL SlotRestore rigid eco** is characterised by a high bio-based content, i.e. parts of the fossil-based carbon have been replaced by a bio-based carbon content.

**Application:** **cds-AGL SlotRestore rigid eco** used for filling cable slots and ducts in concrete surfaces (not suitable for casting expansion joints!). At temperatures > 25 °C, a maximum of 25 % fire-dried quartz sand with a grain size of 0.1–0.3 mm can be added.

**Properties:** Specific weight (mixture): 1,86 g/cm<sup>3</sup>  
 Solids content: 99 ± 1 % by weight  
 Mixing ratio: 91,5 : 8,5  
 Bio-based content (based on binding agent): ≥ 21 %

	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	-	12	6	-	6	2
Hardener FH	20	15	-	8	5	-	4	3	-

Minimum curing or object temperature: + 15°C (Hardener S)  
 + 10°C (Hardener FH)

Maximum processing or object temperature: + 35°C (Hardener S)  
 + 25°C (Hardener FH)

Compression strength: ≥ 70 MPa

Tensile bending strength: ≥ 30 MPa

Bonding strength to concrete: ≥ 1,5 MPa

Temperature range: up to ca. + 80°C continuous load dry  
 up to ca. + 120°C briefly dry

Thermal conductivity: 0,5 W/mK

**Test certificates:** 9945.1 Chemical resistance test, Polymer Institut, Wicker

**Subsurface:** The cable slots or ducts must be dry, stable and free of dust, loose rock, grease and oil. Clean using a joint sweeper or rotating steel brushes, for example. Blow out slots or ducts with compressed air. Concrete edges must be pre-coated with **cds-Primer MB eco**.

**Mixing:** The base component (A) and hardener component (B) are packaged in precisely measured mixing ratios. Component B is emptied completely into component A (drip out or scrape out) and both components are then mixed thoroughly and intensively. An electric hand mixer is recommended for mixing, e.g. a slow-running drill (300-400 rpm) with a mixing basket attached. When mixing, scrape the sides and bottom of the container several times. Mix for approx. 2-3 minutes until the material is homogeneous and visibly free of streaks. Then pour into a clean container and mix again.



- Processing:** Prime the concrete sides with **cds-Primer MB eco**, then fill within approx. 2 hours the cable slot or duct with **cds-AGL SlotRestore rigid eco** up to the upper edge of the concrete runway.
- 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 unit:** 10 kg incl. Hardener
- Colours:** Grey
- Shelf life/  
Storage:** Shelf life of both components is two years after date of production, if stored in sealed, original container. Keep container tightly closed, store in a dry place and, if possible, at +15 °C to +20 °C. Avoid direct sunlight.
- Danger warnings:** Avoid skin contact, especially with the hardener component. If splashes get into the eyes, rinse immediately with plenty of water and seek medical advice immediately.  
Please observe the general safety regulations of the employers' liability insurance association, in particular the instructions for use 'Epoxy resins in the construction industry' ([www.arbeitssicherheit.de](http://www.arbeitssicherheit.de)), as well as the hazard warnings and safety advice in the safety data sheets and on the delivery containers. The containers must be stored in a child-proof manner and children must be kept away during processing. After curing, the product is physiologically harmless.  
Product residues can be disposed of with household waste after curing. Uncleaned packaging and liquid components must be disposed of in accordance with official regulations (see information in the safety data sheet). Cured product residues can be recycled in a suitable waste incineration plant under waste code number 20 03 01 'Mixed municipal waste'.
- VOC content labelling, EU Regulation 2004/42 (Decopaint Directive):  
Cat II/j/sb, EU limit value 500 g/l (2010):  
**cds-AGL SlotRestore rigid eco** contains < 500 g/l VOC.
- Giscode: RE55
- ADR class:** Base component (A): None  
Hardener (B) S, FH: 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 Sale Conditions.