

Airfield products

Sealants, grouts and
mortars



Airfield ground lighting installation only with FAA approved cds-products:

- Developed in the 1960s for military airports
- Today in use worldwide at civil and military airports



Advantages for your project with cds-grouts:

- over 60 years of experience on airports worldwide
- long lasting products
- high chemical resistance
- insensitive to moisture
- two components customized ready to use
- quick and safe application
- easy pourable
- different hardeners for different climate zones

1 cds-Pouring Concrete UW

- time tested, durable, easy pourable 2-component epoxy resin to install in-pavement lights in concrete pavements
- fulfills requirements of FAA¹
- colors: grey or black
- TM 9910

2 cds-Pouring Concrete UW eco

- time tested, durable, easy pourable 2-component epoxy resin to install in-pavement lights in concrete pavements
- fulfills requirements of FAA¹
- colors: grey or black
- ≥ 21% bio-based carbon content²
- TM 9923

3 cds-Pouring Concrete UW rapid

- fast curing alternative to UW
- fulfills requirements of FAA¹
- colors: grey or black
- TM 9915

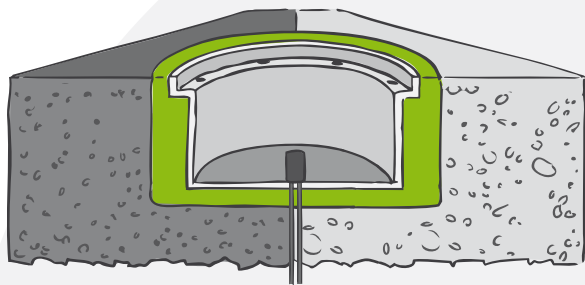
4 cds-Pouring Concrete UW flex

- flexible alternative to UW/UW rapid to install in-pavement lights in asphalt
- fulfills requirements of FAA¹
- colors: grey or black
- TM 9932

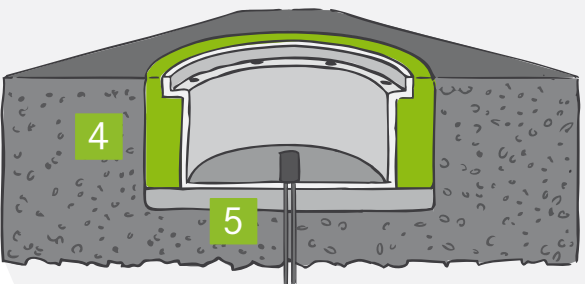
Note: Do not use full grouting! Use mortar as a substrate for stabilisation!

¹ FAA specification AC 150/5370-10, Item P-606 for concrete and asphalt

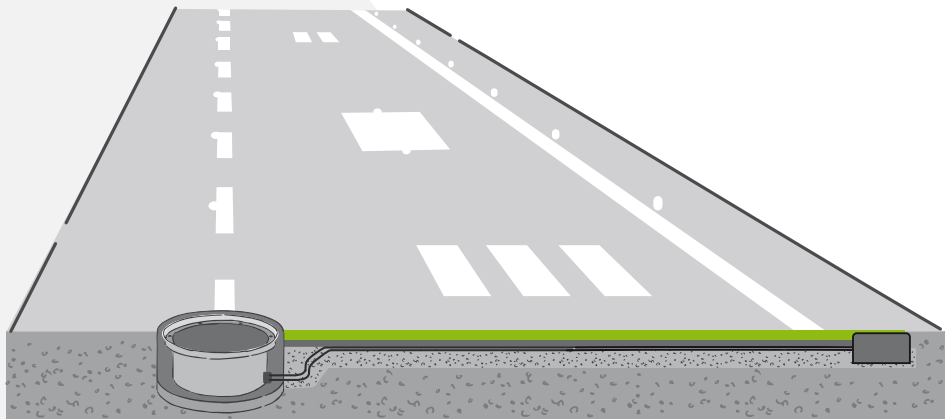
² based on the binding agent



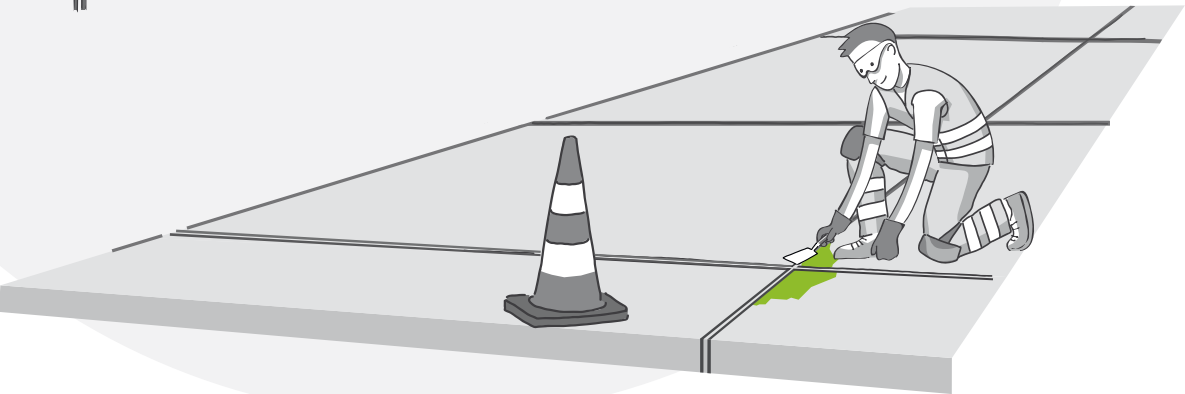
1 2 3



4 5



6 7 8



5

5 cds-Mortar 0-3 L flex special

- fast repair of concrete damages and edges as well as AGL-embedding in concrete and asphalt surfaces
- mortar with high compressive strength
- flexible
- TM 8816

6 cds-Cable Joint Filler

- reliable grouting of cable ducts cut in asphalt and concrete surfaces (not applicable for expansion joints)
- colors: grey or black, red, blue, green, yellow
- TM 9945

7 cds-Cable Joint Filler eco

- reliable grouting of cable ducts cut in asphalt and concrete surfaces (not applicable for expansion joints)
- colors: grey or black, red, blue, green, yellow
- ≥ 15% bio-based carbon content²
- TM 9952

8 cds-Cable Joint Filler rapid

- fast curing alternative to Cable Joint Filler
- colors: grey or black, red, blue, green, yellow
- TM 9942

cds-Airfield products

Aircraft operating surfaces are designed to handle extreme conditions. cds-products are specifically engineered for this purpose. For decades, they have been used in the field of international air travel to protect and safeguard the technical equipment

which is integrated into aircraft operating surfaces from severe climatic, mechanical and chemical stresses. cds-products are characterized by their outstanding quality, operating safety and durability. They harden virtually shrink free (DIN 50 014 <0,1%).

Product	Temperature Range [°C] ¹⁾	Curing times at 20 °C [h] ²⁾	Test certificates	Field of Application
cds-Pouring Concrete UW	10-35	5-12	Complies with FAA regulation, Item P-606	Fixation of shallow bases in cured concrete
cds-Pouring Concrete UW eco	10-35	5-12	Complies with FAA regulation, Item P-606	Fixation of shallow bases in cured concrete
cds-Pouring Concrete UW rapid	1-20	3	Complies with FAA regulation, Item P-606	Fixation of shallow bases in cured concrete. Fast curing at low temperatures; night maintenance
cds-Pouring Concrete UW flex	8-30	8	Complies with FAA regulation, Item P-606	Fixation of shallow bases in cured asphalt; embedment of shallow base in mortar is mandatory
cds-Cable Joint Filler	3-25	6-18	Chemical resistance	Grouting of saw cuts in asphalt and concrete. In concrete with primer ³⁾
cds-Cable Joint Filler eco	3-25	6-18	Chemical resistance	Grouting of saw cuts in asphalt and concrete. In concrete with primer ³⁾
cds-Cable Joint Filler rapid	5-20	4	Chemical resistance	Grouting of saw cuts in asphalt and concrete. In concrete with primer ³⁾ Fast curing at low temperatures; night maintenance
cds-Mortar 0-3 L flex special	3-30	4-18	Approval for use on flight operating areas (concrete) according to German standards ZTV BEB Stb, CE	Mortar with high compressive strength (50 MPa) for the embedment of shallow bases, mandatory in asphalt. Also excellent for concrete repairs on airfields
cds-Adhesive	5-35	5-12	Approval for use on flight operating areas (concrete) according to German standards ZTV BEB Stb, CE	Primer for cds-Mortar 0-3 L flex special

¹⁾ Temperature range in which the material can be applied (by using different types of hardeners S/FH)

²⁾ Specification of periods of time through the use of different hardener types, values based on 20 °C

³⁾ cds-Primer colourless

Current version of technical data sheets available at www.cds-polymere.de.



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