



The system of ground coatings inside and outside consists of a 2-component epoxy resin and is used to provide a smooth coating on concrete floors. The system is equally suitable for inside and outside use and is also used in transitional areas such as vehicular entrances or exits, through ways, building entrances or exits, loading ramps or loading docks. Slip resistance can be provided through infill materials.

Surface

The concrete surface must be dry, free of oil and grease and free of loose material or other contaminants. Any contaminants that may reduce adhesion must be removed by means of a suitable procedure. Concrete surfaces must be able to bear the expected load and must evince an adhesive tensile strength of at least 1.5 N/mm².

Temperature

min. 10°C, max. 30 °C

Hardening time at 20°C

walkable after 10 - 12 hours (**cds-Primer colourless or MB**) and 16 hours (**cds-Coating HB**)

Material consumption without Rough surface compensation

Primer:	
cds-Primer colourless/MB:	ca. 0,35 kg/m ²
Scattering sand (quartz sand 0,2 – 0,6 mm):	ca. 1 kg/m ²
Roll coating:	
smooth surface	ca. 0,25 kg/m ² per order
nonsmooth surface	ca. 0,45-0,7 kg/m ²
Flow coating with smooth surface:	
ca. 1 mm layer thickness (3 mm triangular teeth)	ca. 1,5 kg/m ²
ca. 1,5 mm layer thickness (4 mm triangular teeth)	ca. 2,3 kg/m ²
Flow coating with smooth surface:	
ca. 2 mm layer thickness (5 mm triangular teeth)	
cds-Coating HB	ca. 2,2 kg/m ²
Quartz sand 0,1-0,3 mm	ca. 1,1 kg/m ²
ca. 3 mm layer thickness (7 mm triangular teeth)	
cds-Coating HB	ca. 3,3 kg/m ²
Quartz sand 0,1-0,3 mm	ca. 1,7 kg/m ²



ca. 4 mm layer thickness (9 mm triangular teeth)	
cds-Coating HB	ca. 4,4 kg/m ²
Quartz sand 0,1-0,3 mm	ca. 2,2 kg/m ²
Sprinkling layer coating:	
Sprinkling layer	
cds-Coating HB	ca. 2,1 kg/m ²
Quartz sand 0,3-0,8 mm	ca. 0,7 kg/m ²
Sprinkling:	
Quartz sand 0,3-0,8 mm oder	ca. 4-4,5 kg/m ²
Quartz sand 0,6-1,2 mm	
Sealer:	
cds-Coating HB	ca. 0,5-0,9 kg/m ²

Preparation

Mix and apply the primer, then evenly sprinkle with quartz sand 0.2 – 0.6 mm, once hardened, sweep away any sand that did not stick.

Mix and apply the coating, consisting of **cds-Coating HB** as well as quartz sand 0.1 – 0.3 mm (in MV 1:0.4) with toothed strip distribution trowel 4 mm

Colour

ca. RAL 7023, 7030, 7032, 7035, 7037, 7038, additional colors on request

Delivery form

10 kg, 25 kg (**cds-Primer colourless / MB**)

10 kg, 30 kg (**cds-Coating HB**)

Shelf life

1 Year, dry storage at + 15 °C to + 20 °C

Advantages

- A universal product system for indoor and outdoor areas
- High resistance to wear and chemical resistance
- Suitable for concrete exposed to moisture on the back