

VIASOL DECK 13

Parking deck coating system with statically crack-bridging properties (Class A2, -10°C). For closed multi storey car parks on intermediate decks and ramps. System accord. to class OS 13.

Application Fields

Closed car parks and underground garages up to -10°C

Ramps and spiral ramps

System Build-up

- LINE MARKING**
E.G. PU OR ACRYL


- VIASOL EP-S602**
TOP COAT


- VIASOL PU-L300 V**
WEAR COAT


- VIASOL EP-P1203**
PRIMER





System Highlights

2,5 – 3 mm System thickness



Statically crack bridging class A2



Very good abrasion resistance



Chemical resistant



Slip resistant for pedestrian and vehicular traffic

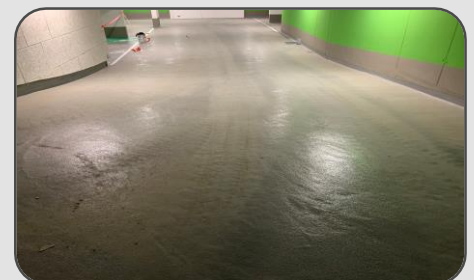
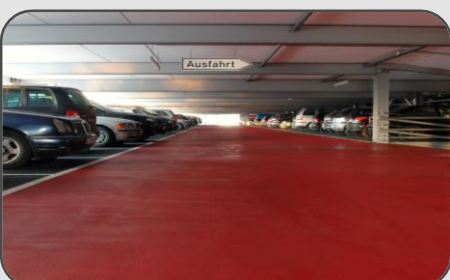


Available in many colors



Fire resistance class Bfl-s1

System Pictures






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Application and Consumption

Layer	Produkt	Consumption (kg/m ²)	Sand broadcasting (kg/m ²)	Thickness (mm)	Application
Seal coat, Top coat	VIASOL EP-S602	0.5 – 0.9	keine	0.5 – 0.7	Rubber squeegee, roller for finish
Wear coat	VIASOL PU-L300 V	1.3 – 1.5	QS 0.3-0.8 or 0.6-1.2 mm In excess	min. 2.5	Notched trowel
(optional) Scratch coat, levelling	VIASOL EP-T703 + QS 0.1 – 0.4 mm	0.5 – 1.5 + QS 25–150 %	QS 0.3-0.8 mm In excess	0.5 – 1.5	Notched trowel, roller for finish
Primer	VIASOL EP-P1203 or VIASOL T703	0.3 – 0.5	QS 0.3-0.8 mm 0.5 – 0.8	ca. 0.3	Roller or rubber squeegee
Substrate	Cementitious substrates according to the appropriate standards and approvals must be capable of bearing loads and be free of cracks and voids. Pull-off strength ≥ 1.5 N/mm ² , residual moisture content < 4 %-CM, with higher residual moisture and on substrates with moisture from the backside special measures must be taken or a damp proof membrane must be installed. Substrate preparation e.g. grinding or shot blasting, sweeping and vacuum-cleaning is mandatory. Consumptions are calculated with VIASOL quartz sands and fillers. Usage of other quartz sands and fillers can cause changes of consumption and technical data.				
Note	Detailed application instructions are available upon request or refer to the technical product data sheet.				

Technical Data

	Property	Standard	Result
	Adhesive strength at T _{NORM}	DIN EN 1542	≥ 2.9 N/mm ² (≥ 1.5 N/mm ²)
	Adhesive strength after freeze-thaw with de-icing salt	DIN EN 13687-1 and -2	2,1 N/mm ² (≥ 1.5 N/mm ²)
	Statically crack bridging (-10°C)	DIN EN 1062-7	min. 0.25 mm (A2 bei -10°C)
	Grip and slip resistance	DIN EN 13036-4 DIN 51130	57 Skt (≥ 55 Skt) R11-V4 and R12-V6
	Chemical resistance	DIN EN 13529	Test liquids DiBT Nr. 1, 3, 10
	Abrasion resistance (H22 Wheel)	DIN EN ISO 5470-1	2.100 mg /1000 U (≤ 3.000)
	CO ₂ - permeability	DIN EN 1062-6	Class III > 1.200 m (> 50 m)
	Water vapor permeability	DIN EN ISO 7783-1 and -2	Class III > 150 m (> 50 m)
	Water absorption coefficient	DIEN EN 1062-3	< 0.01 kg/m ² x h ^{0.5} (< 0.1)
	Impact resistance	DIN EN ISO 6772-2	4 Nm – no cracks
	Fire behaviour class system	DIN EN 13501-1	Bfl-s1

Remark: For further information, please refer to the product data sheets or contact our technical service. All data are approximate values. Therefore, no liability claims can be derived from the system data sheet. As all VIACOR data sheets are updated on a regular basis it is the users responsibility to obtain the most recent issue (see www.viacor.de or contact us directly)– all technical information is subject to change without prior notice

Manufacturer: