VIASOL system data sheet

VIASOL*DECK 8*

Park 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 8.

SYSTEM*BUILD-UP*

Line marking:
e.g. PU or acrylic

Top coat, seal coat:
VIASOL EP-S602

Wear coat:
VIASOL PU-L300V
broadcasted with QS 0.3-0.8 or 0.6-1.2 mm

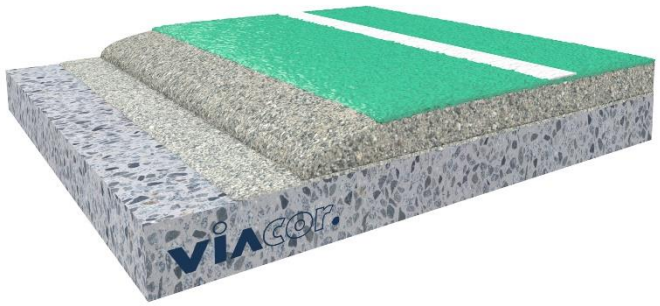
optional:
Scratch coat, levelling coating
VIASOL EP-P210 or EP-T703 (if necessary)

Primer for cementitious substrates:
VIASOL EP-T703 or EP-P210
optional:
Blocking primer for substrates with rising water
VIASOL EP-P210 or EP-T703 (if necessary)

Substrate: Concrete, cementitious screed and others

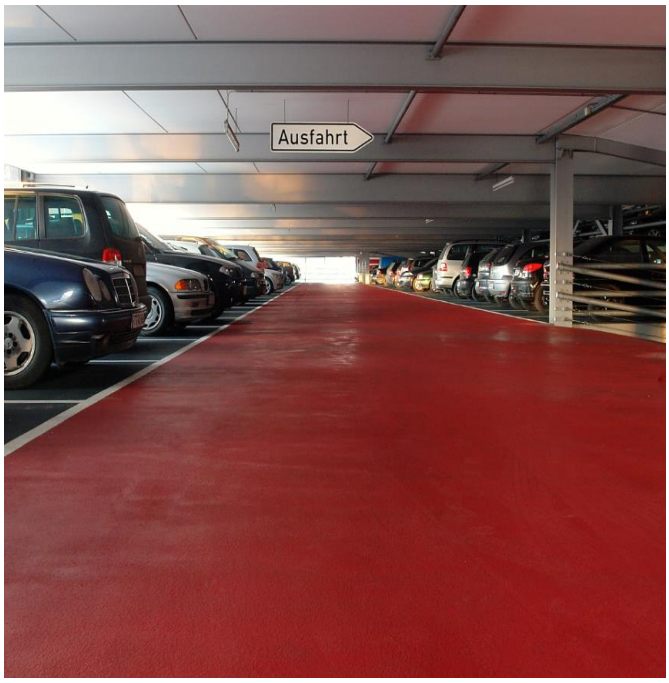
SYSTEM*THICKNESS*

2.5 – 3.0 mm



SYSTEM*HIGHLIGHTS*

- Accord. DAfStb-Rili system class OS 8
- Statically crack bridging class A2 (-10°C)



APPLICATION*FIELDS*

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

SYSTEM*BENEFITS*

- Statically crack bridging class A2 (-10°C) accord. EN 1062-7
- Tough hard wear coat
- Very good abrasion resistance
- Chemical resistant against oils, petrol, Diesel and de-icing salt
- Slip resistant for pedestrian and vehicular traffic
- Available in many colors
- Fire resistance class B_{fl}-s1

Manufacturer:
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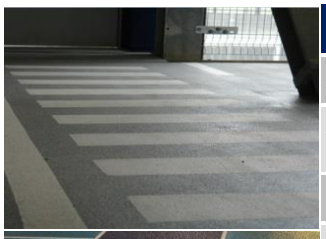
APPLICATION *AND* CONSUMPTION

layer	product	consumption (kg/m²)	sand broadcasting (kg/m²)	thickness mm	application
Seal coat, top coat	VIASOL EP-S602	0.5 – 0.9	none	0.5 – 0.7	Rubber squeegee, roller for finish
Wear coat	VIASOL PU-L300V	1.3 – 1.5	QS 0.3-0.8 or 0.6-1.2 mm in excess	min. 2.1	Notched trowel
Scratch coat, levelling optional	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-T703 or others	0.6 – 0.9	QS 0.3-0.8 mm 0,5 – 0,8	ca. 0.3	Roller or rubber squeegee
Blocking primer ≤ 6 % CM optional	VIASOL EP-P210 or EP-T703	0.4 - 0.6	none	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/mm², 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/mm² (≥ 1.5 N/mm²)
Adhesive strenght after freeze-thaw with de-icing salt	DIN EN 13687-1 und -2	2.1 N/mm² (≥ 1.5 N/mm²)
Statically crack bridging (-10°C)	DIN EN 1062-7	min. 0.25 mm (A2 at -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 no. 1, 3, 10
Abrasion resistance (H22 Rad)	DIN EN ISO 5470-1	2.100 mg /1000 U (≤ 3.000)
CO_2 - permeabilty	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	DIN EN 1062-3	< 0.01 kg/m² x $h^{0,5}$ (< 0.1)
Impact resistance	DIN EN ISO 6772-2	4 Nm – no cracks
Fire behavior class system	DIN EN 13501-1	B_{fl}-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

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