

VIASOL PERM SR (OS8)



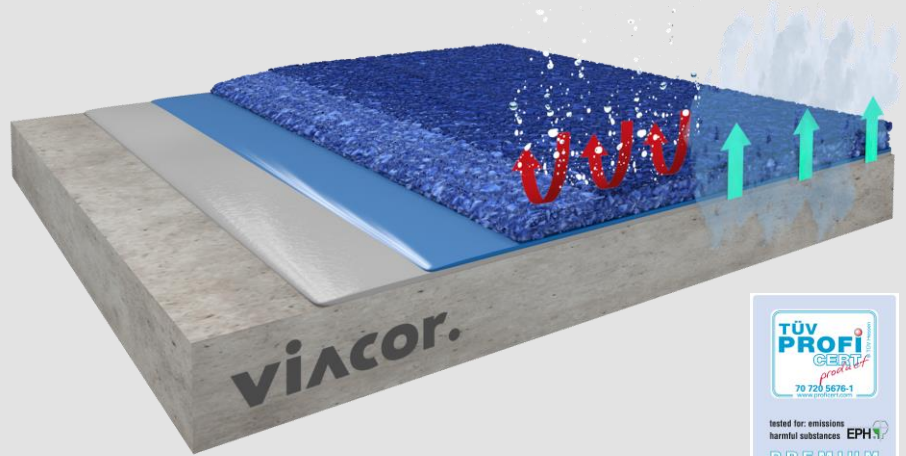
Slip resistant, water-vapour permeable epoxy advanced resin based coating system, low odour, low emission, hard-wearing, water-proof surface with good mechanical and chemical properties and a wide colour spectrum. According to DIN EN 1504-2 and DIN V 18026, class OS8.

Application fields

- Public buildings
- Paper mills and metal working industry
- Underground garages
- Workshops
- Production areas
- Areas with moisture sensitive substrates

System Build-up

- VIASOL EP-S681**
 COLOURED SEALER
- VIASOL EP-C580**
 WEAR COAT
- VIASOL EP-C580 (optional)**
 SCRATCH COAT
- VIASOL EP-P285**
 PRIMER

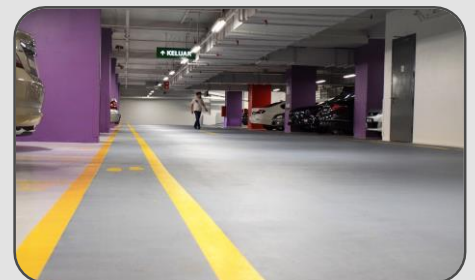


System highlights

1,5 - 3,0 mm System thickness

- High water vapour permeable, no blistering due to hydrostatical pressure**
- Seamless, liquid-tight**
- Slip resistant**
- Low emission after AgBB standards**
- Low odor**
- High abrasion resistance**
- High impact resistance**
- Good chemical resistance**
- OS 8
EN 1504-2
DIN V 18026**

System pictures



VIASOL PERM SR - OS8



Application and Consumption

Layer	Product	Consumption (kg/m ²)	Sand broadcasting (kg/m ²)	Thickness (mm)	Application
Sealer, coloured, semi glossy	VIASOL EP-S681	0.6 – 0.9 + 3 - 5 % Water	none	0.5 – 0.8	roller or rubber squeegee + roller
Wear coat with broadcasting with QS	VIASOL EP-C580 + QS 0,3-0,8 mm	0,9 – 1,6 + 5 % Water	QS 0.3 – 0.8 In excess	1.5 – 2.5	notched trowel
(optional) Scratch coat, levelling layer	VIASOL EP-C580	1.0 – 2.0 + 5% water +10% QS 0.3-0.8	none	1.0 – 1.8	trowel
Primer	VIASOL EP-P285	0.2 – 0.4 + 10-20% Water	optional QS 0.3 – 0.8 0.3 – 0.5	0.15 – 0.3	roller
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 $\geq 1.5 \text{ N/mm}^2$, this system is water vapour permeable, max. residual moisture < 6 - 8% CM, for magnesite screed <10% CM, anhydrite max. 1% residual moisture, attention for underfloor-heating <0.3% CM, with higher residual moisture and on substrates with moisture from the backside special measures must be taken or a damp proof membrane should 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	$\geq 4,3 \text{ N/mm}^2$ ($\geq 2,0 \text{ N/mm}^2$)
	Adhesive strength after freeze-thaw with de-icing salt	DIN EN 13687-1 and -2	$\geq 4,3 \text{ N/mm}^2$ ($\geq 2,0 \text{ N/mm}^2$)
	Dynamic crack bridging (-20°C)	DIN EN 1062-7	NPD
	Grip and slip resistant	DIN EN 13036-4 DIN 51130	60 Skt ($\geq 55 \text{ Skt}$) 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	1.903 mg /1000 U (≤ 3.000)
	Carbon dioxide permeability	DIN EN 1062-6	Class III > 2.500 m (> 50 m)
	Water vapour permeability	DIN EN ISO 7783-1 and -2	Class I > 4 m (< 5 m)
	Water absorption coefficient	DIEN EN 1062-3	< 0,01 kg/m ² x h0,5 (< 0,1)
	Impact resistance	DIN EN ISO 6772-2	4 Nm – no cracks
	Low emission	AgBB and M1	Fulfilled after 3 days
	Fire Resistance	EN 13501-1	Bi-S1
	Green Label Singapur		Fulfilled

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: