

VIASOL UNIVERSAL SR



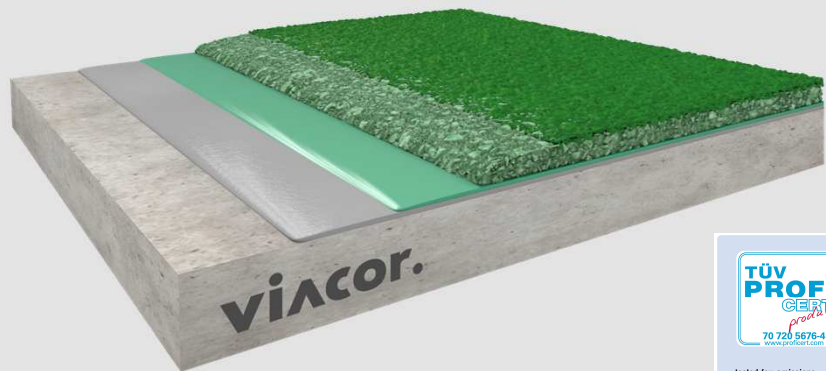
Slip resistant, versatile epoxy resin based coating system, low emission, hard-wearing, with good mechanical and chemical properties and a wide spectrum of colours and surface structures.

Application fields

Catering areas	Production areas	Beverage Industry	Garages
Kitchens	Workshops	Food Industry	Hangars

System build-up

VIASOL EP-C3000 TOP COAT	
VIASOL EP-C3000 WEAR COAT	
VIASOL EP-C3000 SCRATCH COAT	
VIASOL EP-T703 PRIMER	

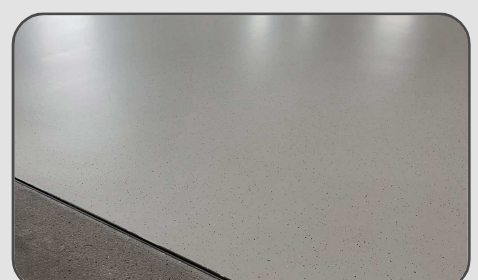
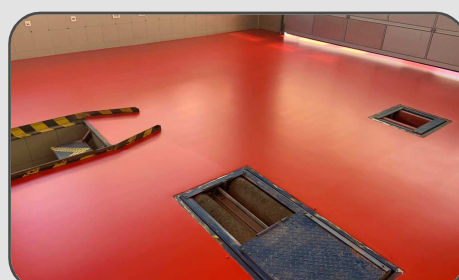
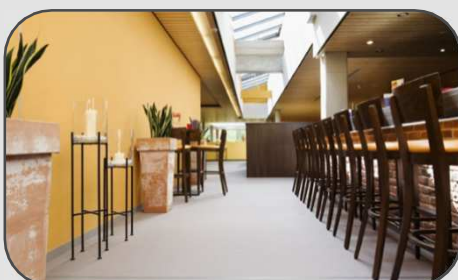


System highlights

2.0 - 5.0 mm System thickness

Capable of bearing high loads	High abrasion resistance	Low emission acc. AgBB and other standards
Hygienic (ISEGA certified)	Good chemical resistance	Slip resistant surfaces R10, R11, R12

System pictures





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Application and Consumption

Layer	Product	Consumption (kg/m ²)	Sand broadcasting (mm)	Thickness (mm)	Application
Optional: Matt sealer, transparent	VIASOL PU-S6005	0.1 – 0.12	none	0.08 – 0.1	Microfibre roller
Top coat, pigmented	VIASOL EP-C3000	0,5 – 1,0	none	0,3 – 0,8	Rubber squeegee, roller
Alternative: Sealer, transparent (for coloured quartz sand)	VIASOL PU-S667 N				
Wear coat, broadcasted with natural or coloured quartz sand	VIASOL EP-C3000	1,5 – 3,0	QS (0.3-0.8 mm or 0.6-1.2 mm) or QCV in excess	2,5 – 5,5	notched trowel or squeegee
Optional: Scratch coat, levelling layer	VIASOL EP-C3000 (fillable 10-20% with VIASOL QNV0)	0,8 – 2,0 (+ 0,08 – 0,4 QNV0)	none	0,5 – 2,0	trowel or rubber squeegee / notched trowel or squeegee
Primer	VIASOL EP-T703	0,3 – 0,5	Optional: QS (0,3-0,8 mm) Ca. 0.5	0,2 – 0,3	Rubber squeegee, 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 ≥ 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. Do not use matt sealer in chemical loaded areas or permanent wet areas. In kitchens we recommend a with colored quartz sand broadcasted surface sealed with VIASOL PU-S667 N to avoid discolorations caused by food and beverage.				

Technical data

Property	Standard	Result
Compressive strength	EN 196 / ASTM C109	Ca. 70 N/mm ²
Flexural strength	EN 196 / ASTM C109	Ca. 40 N/mm ²
E-Modulus	DIN 53504	Ca. 7000 N/mm ²
Shore-Hardness	EN ISO 868	D 82 after 28 d
Adhesive strength	EN ISO 4624	$> 2,5$ N/mm ² (concrete failure)
Impact strength	EN 13813	≥ 4 Nm (IR4)
Wear resistance (Taber)	EN ISO 5470-1	≤ 55 mg
Chemical resistance	EN ISO 2812-1	Test liquids 3, 10, 11 (others upon request)
Slip resistance	DIN 51131 / BGR 181	R10 – R12
Fire resistance	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

Manufacturer: