



VIASOL UNIVERSAL

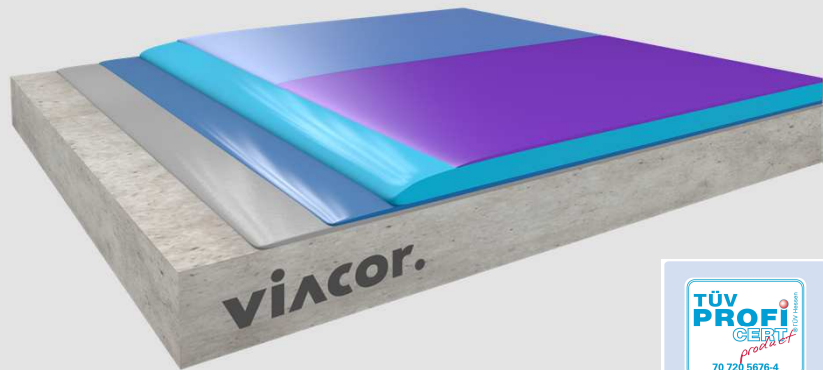
Versatile epoxy resin based coating system, low emission, hard-wearing, good mechanical and chemical properties and a wide spectrum of colours and surface structures.

Application fields

- | | | | |
|----------------|------------------------|------------------|--------------|
| Logistic sites | Warehouses | Production areas | Paper mills |
| Workshops | Shopping centres | Supermarkets | Laboratories |
| Food packaging | Metal working Industry | | |

System build-up

- | | |
|--|--|
| VIASOL PU-S6005 P
SEALER | |
| VIASOL EP-C3000
SELF-LEVELLING COATING | |
| 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)

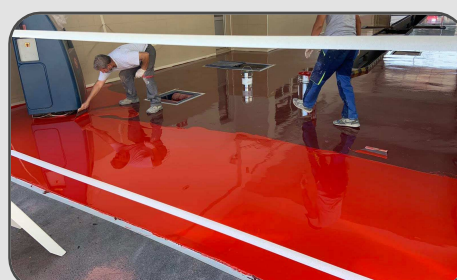


Good chemical resistance



Optionally slip resistant R9 / R10 / R11

System pictures





VIASOL UNIVERSAL

Application and Consumption

Layer	Product	Consumption (kg/m ²)	Sand broadcasting (kg/m ²)	Thickness (mm)	Application
Optional: Sealer, pigmented, matt	VIASOL PU-S6005 P	0.09 – 0.11	none	0.07 – 0.1	Microfiber roller
Alternative: Sealer, transparent, matt	VIASOL PU-S6005				
Self-levelling coating	VIASOL EP-C3000 (fillable up to 30 % depending on consumption)	1.6 – 2.5	Optional: Colour chips	1.2 – 2.0	notched trowel or squeegee (+ spike roller)
Scratch coat, levelling layer (recommended)	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 notched squeegee
Alternative: Scratch coat, highly fillable	VIASOL EP-C3005 (fillable 80-100% with VIASOL QNV0)	0.8 – 1.0 (+ 0.64 – 1.0 QNV0)			
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. Transparent top coats cannot avoid yellowing of layer below, pigmented aliphatic top coats increase UV- and colour stability.				

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 (more see chemical resistance list)
Solvent free / Total solid	Test method „Deutsche Bauchemie“	≤ 1 % (not valid for water based seal coat)
Slip resistance	DIN 51131	R9, R10, R11 (optional)
Fire resistance	DIN EN 13501-1	B _f -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: