VIASOL *UNIVERSAL* HBV SR

Slip resistant, highly chemically resistant epoxy resin based coating system, hard-wearing with very good mechanical and chemical resistance.

Application fields

- Chemical Industry
- Pharmaceutical Industry
- High bay storage
- Production areas
- Workshops
- Warehouses
- Laboratories

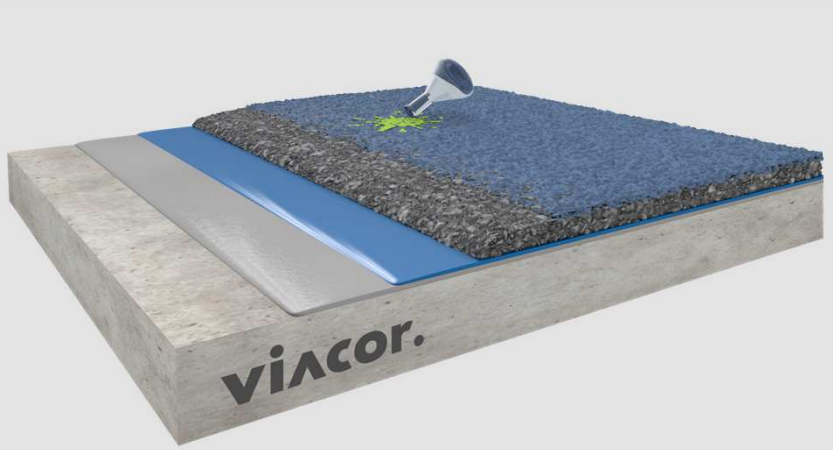
System build-up

VIASOL EP-C539
SEAL COAT

VIASOL EP-C539
WEAR COAT

VIASOL EP-C500
SCRATCH COAT

VIASOL EP-T703
PRIMER



System highlights

2.0 - 5.0 mm System thickness

- **Capable of bearing high mechanical loads**
- **High abrasion resistance**
- **High impact resistance**
- **Hygienic (ISEGA certified)**
- **Very good chemical resistance**
- **Slip resistant surface ca. R10 / R11 / R12**

System pictures

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Application and Consumption

Layer	Product	Consumption (kg/m²)	Sand broadcasting (kg/m²)	Thickness (mm)	Appllication
Seal coat, highly chemically resistant	VIASOL EP-C539	0.55 – 1.0	none	0.5 – 0.9	rubber squeegee, roller
Wear coat, broadcasted with natural quartz sand	VIASOL EP-C539	1.5 – 3.0	QS 0.3-0.8 mm or QS 0.6-1.2 mm In excess	2.5 – 5.5	notched trowel or squeegee
Scratch coat, levelling layer (recommended)	VIASOL EP-C500 ((fillable 10-30% 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	QS 0.3-0.8 mm	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/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
Slip resistance	DIN 51130 / ASR 1,5/1,2	R10 – R12
Shore-Hardness	EN ISO 868	D 67 after 28 d
Adhesive strength	EN ISO 4624	> 2,0 N/mm² after 28 d
Impact resistance	EN 13813	≥ 4 Nm (IR4)
Chemical resistance	EN ISO 2812-1	Test liquids DiBt: 3, 3b, 4, 4a, 4c, 5, 5a, 5b, 6, 6b, 7, 7a, 7b, 8, 8a, 9, 9a, 10, 11, 12, 13, 14, 15, 15a (more upon request)

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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