

VIASOL *PROTECTIVE structure*

Economic epoxy resin based coating system with slightly up to medium structured surface for industrial floors with medium mechanical and chemical loads and vertical surfaces.

Application fields

- Industrial floors with light to medium loads
- Service areas in public buildings
- Technical rooms
- Walls
- Cellars
- Vertical surfaces

System build-up

- VIASOL EP-S620 thix**
 STRUCTURED TOP COAT
- VIASOL EP-T703**
 PRIMER



System highlights

0.5 - 1.0 mm System thickness

- Seamless and jointless**
- Light to medium surface structure**
- Good chemical resistance (oils, gasoline, diesel, diluted acids and bases)**
- Wear and abrasion resistant**
- Many colours available**
- Economic system build-up**

System pictures

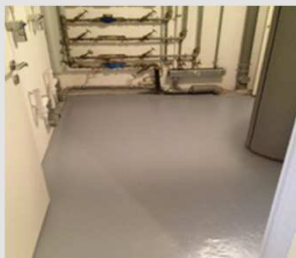


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Application and Consumption

Layer	Product	Consumption (kg/m ²)	Sand broadcasting (kg/m ²)	Thickness (mm)	Application
Sealer	VIASOL EP-S620 thix (Optionally fillable with QS 0.1-0.4 mm, 10-20%)	0.6 – 1.0	none	0.5 – 0.7	rubber squeegee, structured roller for finish, medium or coarse
Primer	VIASOL EP-T703	0.4 – 0.6	none	0.3 – 0.5	notched trowel, roller for finish
Optional: Blocking Primer (≤ 6 CM-%)	VIASOL EP-P210	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/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.				

Technical data



Property	Standard	Result
Adhesive strength at T _{NORM}	DIN EN 1542	≥ 3,8 N/mm ² (≥ 1,5 N/mm ²)
Impact resistance	DIN EN ISO 6772-2	4 Nm – no cracks
Chemical resistance	DIN EN 13529	Test liquids DiBT Nr. 1, 3, 10
Abrasion resistance (1000 cycles)	DIN EN ISO 5470-1	70 mg
Shore-Hardness	DIN EN ISO 868	D 73
Water vapour permeability	DIN EN ISO 7783-1 und -2	Class III > 200 m (> 50 m)
Water absorption coefficient	DIEN EN 1062-3	< 0,01 kg/m ² x h ^{0,5} (< 0,1)

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.