

VIASOL *PROTECTIVE* *conductive*

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

Application fields

Industrial floors with light to medium loads

Technical rooms

Electronics industry

Pharmaceutical industry

System build-up

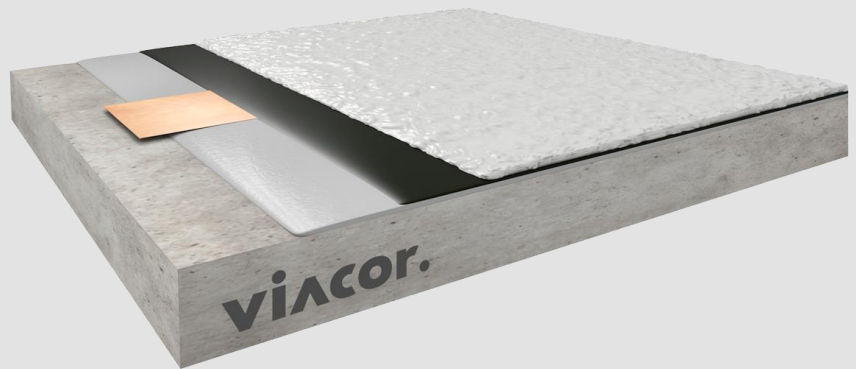
VIASOL EP-S620 AS thix
STRUCTURED TOP COAT



VIASOL EP-E1480
CONDUCTIVE LAYER



VIASOL EP-T703
PRIMER



System highlights

0.5 - 1.0 mm System thickness



Conductive acc.
DIN EN 1081,
DIN EN 61340-4-1



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
Conductive, structured top coat	VIASOL EP-S620 AS thix	0,65 – 0,8	none	0.4 – 0.5	rubber squeegee, structured roller for finish, medium or coarse
Conductive layer, with copper tape	VIASOL EP-E1480	0.08 – 0.10 +20% water	none	0.06 – 0.08	rubber squeegee, roller
Primer	VIASOL EP-T703 or EP-P203	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
Conductivity	DIN EN 1081	≤ 10 ⁶ Ω (Rg)
	DIN EN 61340-4-1	≤ 10 ⁹ Ω (Rg)
Adhesive strength at T _{NORM}	DIN EN 1542	≥ 3,8 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
Water absorption coefficient	DIEN EN 1062-3	< 0,01 kg/m ² x h ^{0,5}

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: