

# VIASOL PROTECTIVE

Economic epoxy resin based coating system with slightly structured or slip resistant surface for industrial floors with medium mechanical and chemical loads.

## Application fields

Industrial floors with light to medium loads

Service areas in public buildings

Technical rooms

Cellars

Storage rooms

## System build-up

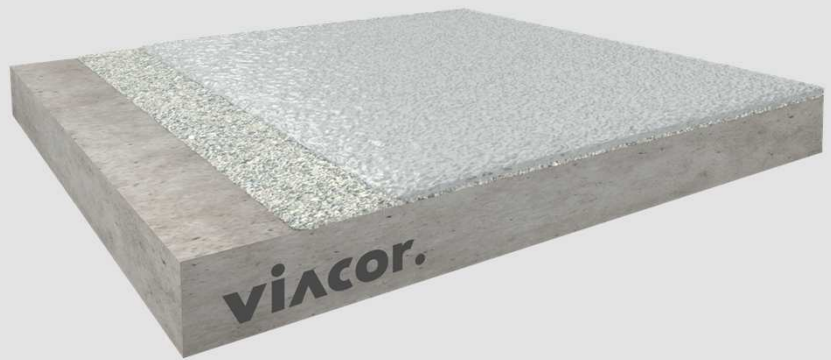
**VIASOL EP-S602**

SEALER



**VIASOL EP-T703**

PRIMER



## System highlights

0.5 - 1.2 mm System thickness



Seamless and jointless



Good abrasion resistance



Good chemical resistance  
(oils, gasoline, diesel,  
diluted acids and bases)



Slightly structured up  
to slip resistant  
surface

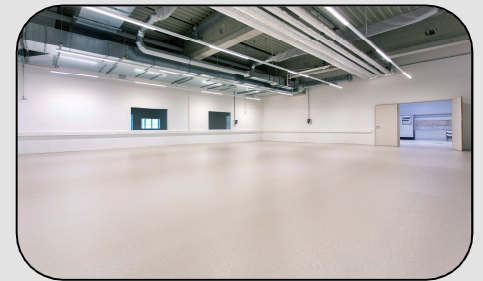


Available in many colours



Economic coating system

## System pictures



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## Application and Consumption

Layer	Product	Consumption (kg/m <sup>2</sup> )	Sand broadcasting (kg/m <sup>2</sup> )	Thickness (mm)	Application
Sealer (on broadcasted surface)	VIASOL EP-S602 <i>or</i> VIASOL UREA S6400 P	0.6 – 1.0	none	0.4 – 0.8	squeegee or rake, roller for finish
Primer	VIASOL EP-T703	0.4 – 0.6	Optional: QS 0,3-0,8 mm in excess	0.3 – 0.5	roller or rubber squeegee
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 <sup>2</sup> , 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 <sub>NORM</sub>	DIN EN 1542	≥ 4.1 N/mm <sup>2</sup> (≥ 1.5 N/mm <sup>2</sup> )
Grip and slip resistance (broadcasted 0.3-0.8 mm)	DIN EN 13036-4 DIN 51130	60 Skt (≥ 55 Skt) R11-V4
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 79 (EP-S602) D 75 (UREA-S6400P)
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 <sup>2</sup> x h <sup>0.5</sup> (< 0.1)
Impact resistance	DIN EN ISO 6772-2	4 Nm – no cracks

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](http://www.viacor.de) or contact us directly) – all technical information is subject to change without prior notice

### Manufacturer: