




## VIASOL system data sheet

### VIASOL *PROTECTIVE*

Green Label certified, economic epoxy resin based flooring system with a smooth or slip resistant surface for industrial floors and vehicular traffic areas with medium mechanical and chemical loads.

#### SYSTEM *BUILD-UP*

-  Top coat, seal coat:  
**VIASOL EP-S600<sup>VM</sup>**
-  Primer:  
**VIASOL EP-P210<sup>VM</sup> or others**  
optional broadcasted with QS 0.3-0.8 mm or other
-  Substrate:  
Concrete, cementitious screed, and others

#### SYSTEM *THICKNESS*

0.4 – 0.8 mm



032-152-3475  
Environmentally  
Preferred Coating

#### SYSTEM *HIGHLIGHTS*

- Economic system built-up
- Good chemical resistance
- Green Label certified by Singapore Environmental Council (SEC)

#### APPLICATION *FIELDS*

- Industrial floors with light to medium loads
- Warehouses
- Service workshops
- Plant rooms
- Dry packing area



#### SYSTEM *BENEFITS*

- Economic coating system
- Seamless application
- Suitable for concrete slabs in contact to ground with additional blocking primer
- Good wear and abrasion resistance
- Good chemical resistance (e.g. oil, petrol, diesel, diluted acids)
- Slightly structured up to slip resistant surface for wet areas
- Available in many colours
- Fire resistance class B<sub>fl</sub>-S1

#### Manufacturer:

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### SUBSTRATE *REQUIREMENT*

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  $\geq 1.5 \text{ N/mm}^2$ , residual moisture content  $< 4 \%$ -CM, with higher residual moisture and on substrates with moisture from the slab 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 $T_{\text{NORM}}$	DIN EN 1542	$\geq 2.5 \text{ N/mm}^2$ ( $\geq 1.5 \text{ N/mm}^2$ )
Grip and slip resistant if broadcasted	DIN EN 13036-4	60 Skt ( $\geq 55 \text{ Skt}$ )
Chemical resistance	DIN EN 13529	Test liquids DiBT no. 1, 3, 10
Abrasion resistance (CS17 wheel)	DIN EN ISO 5470-1	$\leq 70 \text{ mg/1000 U}$ broadcasted $\leq 46 \text{ mg/1000 U}$ homogenous
Shore hardness	DIN EN ISO 868	D 69
Water vapour permeability	DIN EN ISO 7783-1 and -2	class III $> 200 \text{ m}$ ( $> 50 \text{ m}$ )
Water absorption coefficient	DIN EN 1062-3	$< 0,01 \text{ kg/m}^2 \times \text{h}^{0,5}$ ( $< 0,1$ )
Impact resistance	DIN EN ISO 6272-1	4 Nm – no cracks
Fire behaviour class system	EN 13501-1	$B_{fl-s1}$

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.asia](http://www.viacor.asia) or contact us directly)– all technical information is subject to change without prior notice  
VIACOR products are guaranteed against defective material and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies which can be obtained on request.

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