






VIASOL system data sheet

VIASOL **COMPACT**

Heavy duty industrial flooring system based on high strength epoxy screed for protection of concrete floor surface withstand harsh and aggressive service conditions such as very heavy mechanical abuses, low emission

SYSTEM **BUILD-UP**

-  Seal coat
VIASOL EP-S600^{VM} or VIASOL PU-S6501P^{VM}
-  Pore sealer:
VIASOL EP-P285^{VM}
-  Synthetic resin screed:
VIASOL EP-T703^{VM} + aggregate
-  Primer for cementitious substrates:
VIASOL EP-P210^{VM}
-  Substrate:
Concrete, cementitious screed and others

SYSTEM **THICKNESS**

5.0 – 8.0 mm



SYSTEM **HIGHLIGHTS**

- Many colour variations with top coat
- High wear and impact resistance
- Low emission tested according AgBB guidelines and other European standards as M1 classification
- TÜV-ProfiCert certified

APPLICATION **FIELDS**

- Food and beverage industry
- Production and assembly plants with high mechanical load
- Paper industry
- Industrial facilities
- Warehouse & distribution centres



SYSTEM **BENEFITS**

- Seamless
- High mechanical load and impact resistance
- High abrasion resistance
- Good chemical resistance
- Available in anti-skid surface finish
- Low emission, complies with green environmental requirements and AgBB
- Low odor, solvent free, does not taint food

Manufacturer:

VIACOR Asia Sdn Bhd., No. 5 Jalan Sungai Terap 32/182, Bukit Rimau Industrial Park, 40460 Shah Alam, Selangor Darul Ehsan, Malaysia, tel: +603 5131 7777, fax: +603 5131 7878, email: sales@viacorasias.com, www.viacorasias.com

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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 $< 4 \% \text{-CM}$, 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
Flexural strength mortar (QS20)	EN 196 / ASTM C190	$> 15 \text{ N/mm}^2$
Compressive strength	EN 196 / ASTM C190	$> 65 \text{ N/mm}^2$
Adhesive strength	EN ISO 4624	$> 1.5 \text{ N/mm}^2$
Shore-Hardness	EN ISO 868	$> \text{D } 80 \text{ after } 28 \text{ d}$
Water absorption coefficient	EN 1062-3	$< 0,01 \text{ kg/(m}^2 \times \text{h}^{0,5})$
Impact strength	EN 13813	$\geq 4 \text{ Nm (IR4)}$
Wear resistance (Böhme)	DIN 51963	appr. $6.1 \text{ cm}^3 / 50 \text{ cm}^2$
Chemical resistant	DiBT test liquids	No. 1, 3, 10, 11
Anti-skid properties	BGR 181 / DIN 51130	class R10

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 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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