




VIASOL system data sheet

VIASOL *COMPACT plus*

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

-  Advanced resin screed:
EP- T707^{VM}/ P or VIASOL EP-T708^{VM} / P
with **VIASOL COMPACT plus** aggregates
-  Primer for cementitious substrates:
VIASOL EP-P210^{VM} + scattered quartz sand
-  Substrate:
Concrete, cementitious screed and others

SYSTEM THICKNESS

5.0 – 9.0 mm



032-152-3428
Environmentally
Preferred Coating

SYSTEM HIGHLIGHTS

- Speedy installation by advance mechanical tools
- Extremely high wear and impact resistance
- impervious surface
- Self-sealing
- Monolithic, homogenous colour throughout thickness
- Green Label certified by Singapore Environmental Council (SEC)

APPLICATION FIELDS

- Food and beverage industry
- Military facilities
- Loading bay and waste disposal stations
- Vehicles assembly plants
- Paper industry
- Engineering industrial plants
- Warehouse & distribution centres



SYSTEM BENEFITS

- Excellent appearance
- Seamless and joint less except dilatation joints
- Extremely high mechanical load and impact resistance
- High abrasion resistance
- Good chemical resistance
- Wide surface finishes – available in natural, pigmented and Terrazzo
- Speedy installation
- Many colour variations

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@viacorasia.com, www.viacorasia.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 $< 4 \%$ -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	EN 196 / ASTM C190	$> 18 \text{ N/mm}^2$
Compressive strength (EP-T707) (EP-T708)	EN 196 / ASTM C190	$> 75 \text{ N/mm}^2$ $> 82 \text{ N/mm}^2$
Adhesive strength	EN ISO 4624	$> 1.5 \text{ N/mm}^2$
Shore-Hardness	EN ISO 868	D 80 after 28 d
Water absorption coefficient	EN 1062-3	$< 0,01 \text{ kg}/(\text{m}^2 \times \text{h}^{0,5})$
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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