

VIASOL COMPACT^{FF}



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

Application Fields

- Engineering industry
- Food and beverage industry
- Pharmaceutical industry
- Paper industry
- Military areas with high mechanical load
- High-bay warehouses

System Build-up

- VIASOL EP-P285^{FF}**
 PORE SEALER
- VIASOL EP-T703^{FF}**
 SYNTHETIC RESIN
 SCREED
- VIASOL EP-T703^{FF}**
 PRIMER

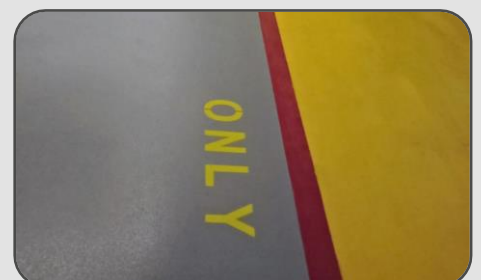
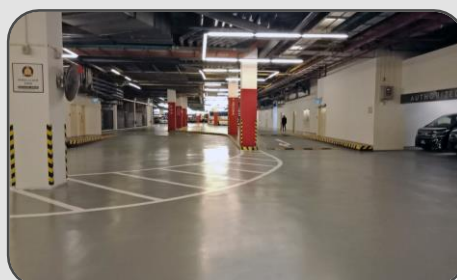


System Highlights

5.0 - 9.0 mm System thickness

- | | | |
|--|--|---|
| <ul style="list-style-type: none"> High abrasion resistance Extremely high mechanical load and impact resistance Low emission certified accord. AgBB and other European standards | <ul style="list-style-type: none"> Liquid tight surfaces possible with VIASOL QS35 or QS40 Diverse colouring Good thermal resistance e.g. hot water | <ul style="list-style-type: none"> Good chemical resistance Suitable for fork lift trucks, trucks and tracked vehicles Light to medium anti-skid surface |
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System Pictures



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Application and Consumption

SUBSTRATE REQUIREMENT

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 $\geq 1.5 \text{ N/mm}^2$, residual moisture content $< 4 \text{ \%CM}$, 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
	Flexural strength mortar (QS20)	EN 196 / ASTM C109	ca. 15 N/mm^2
	Compressive strength (QS20)	EN 196 / ASTM C109	Ca. 65 N/mm^2
	Adhesive strength	EN ISO 4624	$> 1.5 \text{ N/mm}^2$
	Shore-Hardness	DIN ISO 868	D 80 after 28 d
	Water absorption coefficient	EN 1062-3	$< 0.01 \text{ kg/(m}^2 \times \text{h}0,5)$
	Impact strength	DIN EN 13813	$\geq 4 \text{ Nm (IR4)}$
	Wear resistance (Böhme)	DIN 51963	ca. $6.1 \text{ cm}^3 / 50 \text{ cm}^2$
	Chemical resistant	DiBT test liquids	Nr 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 FLOORFINDER data sheets are updated on a regular basis it is the user's responsibility to obtain the most recent issue (see www.floorfinder.com.my or contact us directly) – all technical information is subject to change without prior notice. FLOORFINDER 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.

Manufacturer:

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