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

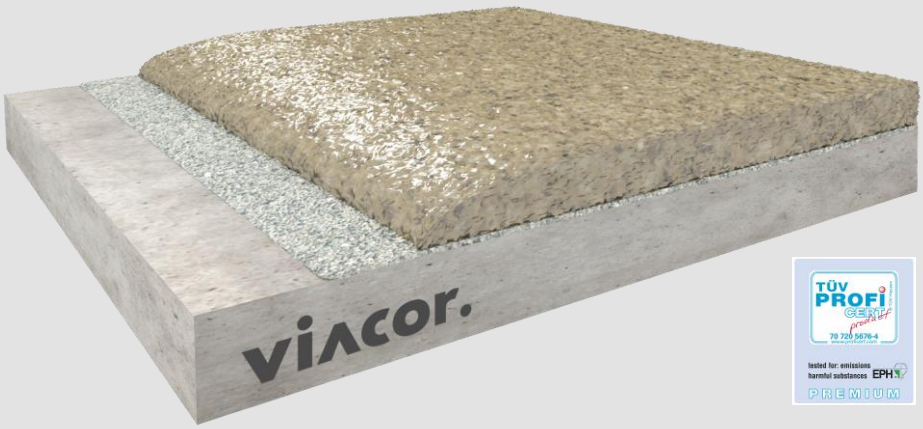
- Engineering industry
- Food and beverage industry
- Pharmaceutical industry
- Paper industry
- Military areas with high mechanical load
- High-bay warehouses

System Build-up

VIASOL EP-P285 FF
PORE SEALER

VIASOL EP-T703 FF
SYNTHETIC RESIN SCREED

VIASOL EP-T703 FF
PRIMER

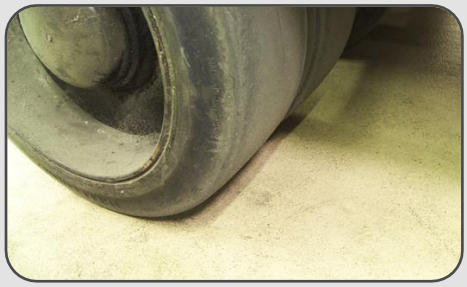


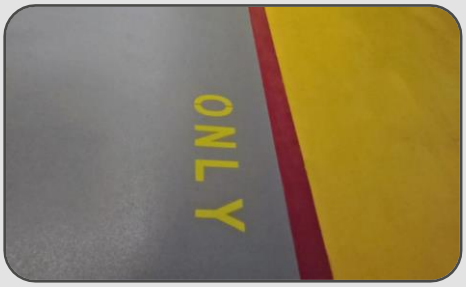
System Highlights

5.0 - 9.0 mm System thickness

- High abrasion resistance
- Liquid tight surfaces possible with VIASOL QS35 or QS40
- Good chemical resistance
- Extremely high mechanical load and impact resistance
- Diverse colouring
- Suitable for fork lift trucks, trucks and tracked vehicles
- Low emission certified accord. AgBB and other European standards
- Good thermal resistance e.g. hot water
- Light to medium anti-skid surface

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 ≥ 1.5 N/mm², 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
Flexural strength mortar (QS20)	EN 196 / ASTM C109	ca. 15 N/mm²
Compressive strength (QS20)	EN 196 / ASTM C109	Ca. 65 N/mm²
Adhesive strength	EN ISO 4624	> 1.5 N/mm²
Shore-Hardness	DIN ISO 868	D 80 after 28 d
Water absorption coefficient	EN 1062-3	< 0.01 kg/(m² x h0,5)
Impact strength	DIN EN 13813	≥ 4 Nm (IR4)
Wear resistance (Böhme)	DIN 51963	ca. 6.1 cm³ / 50 cm²
Chemical resistant	DiBT test liquids	Nr 1,3,10,11
Anti-skid properties	BGR 181 / DIN 51130	Class R10

Manufacturer:
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