

FLOORFINDER 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

Paper industry

Food and beverage industry

Military areas with high mechanical load

Pharmaceutical industry

High-bay warehouses

SYSTEM BUILD UP



FLOORFINDER

EP-T703^{FF}

SYNTHETIC
RESIN
SCREED



FLOORFINDER

EP-T703^{FF}

PRIMER



FLOORFINDER

EP-P285^{FF}

PORE
SEALER



SYSTEM HIGHLIGHTS

5.0 – 9.0 mm System thickness



High abrasion
resistance



Liquid tight
surfaces
possible



Low emission
acc. AgBB and
other
standards



Suitable for
forklift, trucks
and tracked
vehicles



Good
chemical
resistance



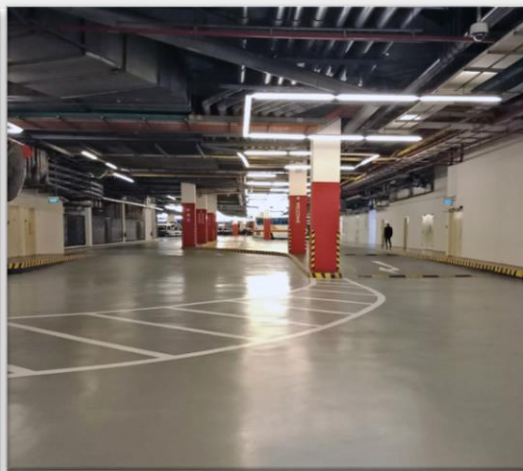
Diverse colours
available



Light to medium
anti-skid surface



Extremely high
mechanical load
and impact
resistance

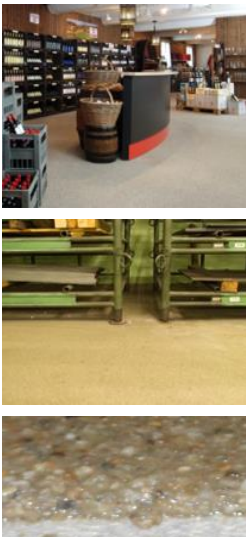


FLOORFINDER **COMPACT^{FF}**

Application and Consumption

Layer	Product	Consumption (kg/m ²)	Sand broadcasting (kg/m ²)	Thickness (mm)	Application
(Optional) Seal coat, matt transparent	FLOORFINDER PU-S6005 ^{FF}	0.10 – 0.12	-	0.08 – 0.10	microfiber roller
(Optional) Pore sealer 1 – 3 layers w/ thixotropic agent	FLOORFINDER EP-P285 ^{FF} or FLOORFINDER UREA S6400 ^{FF} + 0.5 % FLOORFINDER X955 ^{FF}	ca. 0.4 – 0.5 0.05 – 0.15	-	0.2 – 0.25 0.1 – 0.15	hard rubber squeegee, trowel
Synthetic resin screed (epoxy screed)	FLOORFINDER EP-T703 ^{FF} + FLOORFINDER QS20 ^{FF}	ca. 2.0 kg/mm mortar with 11% binder	-	4.5 – 9.0	Trowel, smoothing trowel (power plate)
Primer	FLOORFINDER EP-T703 ^{FF} or other	ca. 0.4	ca. 0.5	ca. 0.5	roller or rubber squeegee
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/mm ² , 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 FLOORFINDER 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 N/mm ²
Shore-Hardness	DIN ISO 868	D 80 after 28 d
Water absorption coefficient	EN 1062-3	< 0.01 kg/(m ² x h ^{0,5})
Impact strength	DIN EN 13813	≥ 4 Nm (IR4)
Wear resistance (Böhme)	DIN 51963	ca. 6.1 cm ³ / 50 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: