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SYSTEM DATA SHEET

FLOORFINDER

PERM FF

Water-vapour permeable epoxy advanced resin based coating system, low odour, low emission, hard-wearing, water-proof surface with good mechanical and chemical properties and a wide colour spectrum.

Application Fields

- Public buildings
- Logistic sites and warehouses
- Hospitals
- Areas with moisture sensitive substrates
- Production areas
- Paper mills
- Workshops
- Metal working industry

SYSTEM BUILD UP

FLOORFINDER EP-C580FF
SCRATCH COAT

FLOORFINDER EP-P285FF
PRIMER

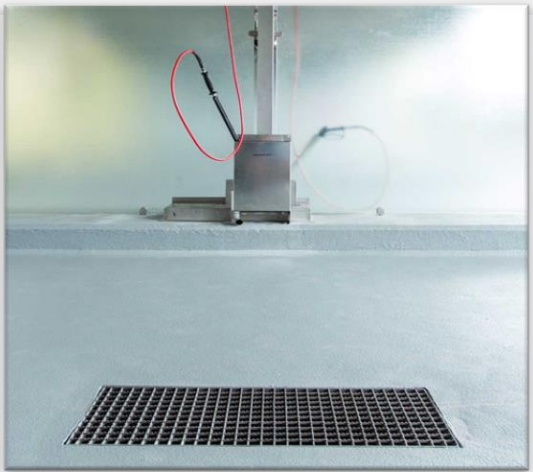
FLOORFINDER EP-S680FF
SEALER

FLOORFINDER EP-C580FF
SELF LEVELLING COATING

SYSTEM HIGHLIGHTS

2.0 – 5.0 mm System thickness

- High water vapour permeable, no blistering due to hydrostatic pressure.
- Impermeable to liquids
- Low emission acc. AgBB and other standards
- Bfl-s1 acc. EN 13501
- Good chemical resistance
- High abrasion resistance
- High impact resistance
- Low odor



FLOORFINDER *PERM* FF

Application and Consumption

Layer	Product	Consumption (kg/m²)	Sand broadcasting (kg/m²)	Thickness (mm)	Application
Sealer, semi-glossy or matt, coloured	FLOORFINDER EP-S680FF	0.25 – 0.3 + 3 - 5 % water	none	0.15 – 0.2	roller or rubber squeegee + roller
Self-levelling coating	FLOORFINDER EP-C580FF	1.8 – 6.0	Optional: colour chips	1.0 – 3.3	notched trowel + spike roller
Scratch coat, levelling layer (recommended)	FLOORFINDER EP-C580FF	1.8 – 2.3	none	1.0 – 1.3	trowel
Primer	FLOORFINDER EP-P285FF	0.3 – 0.4 + 15% Water	optional QS 0.3 – 0.8 0.3 – 0.5	0.15 – 0.3	roller
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, this system is water vapour permeable, max. residual moisture < 6 - 8% CM, for magnesite screed <10% CM, anhydrite max. 1% residual moisture, attention for underfloor-heating <0.3% CM, with higher residual moisture and on substrates with moisture from the backside special measures must be taken or a damp proof membrane should 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
Compressive strength	EN 196 / ASTM C109	Ca 55 N/mm²
Flexural strength	EN 196 /ASTM C109	Ca 16 N/mm²
E-Modulus	DIN 53504	Ca 7000 N/mm²
Shore-Hardness	DIN EN 868	D80 after 28 d
Water-vapour permeability	DIN 5261523/50-95	μ= 4000
Adhesive strength	EN ISO 4624	> 2,5 N/mm² (concrete failure)
Impact strength	EN 13813	≥ 4 Nm (IR4)
Wear resistance (Taber)	EN ISO 5470-1	≤ 80 mg
Low emission	E.g., AgBB, M1	Fulfilled after 3 days
Fire resistance	EN 13501-1	Bfl-S1

Manufacturer:
FLOORFINDER ASIA SDN. BHD. – A division of VIACOR VISION AG, SWITZERLAND | No. 28, Lorong Sungai Puloh 1A/KU6 | Jalan Sungai Puloh | Batu 5 3/4 Kapar | 42100 Klang | Selangor Darul Ehsan | Malaysia | Tel: +603 3290 7644 | info@floorfinder.com.my | www.floorfinder.com.my