

FLOORFINDER UNIVERSAL ESD

Conductive, new-tech, versatile epoxy resin based coating system, low emission, with hard-wearing and good mechanical and chemical properties and a wide spectrum of colours and surface structures. Accord. to DIN EN 1081 and DIN EN 61340-4-1.

Application Fields

Logistic sites

Chemical Industry

Electronic Industry

Generator rooms

Surgery rooms

Laboratories

Technical rooms

Technical rooms

FLOORFINDER

EP-E480

CONDUCTIVE
PRIMER



FLOORFINDER

EP-C500

SCRATCH
COAT



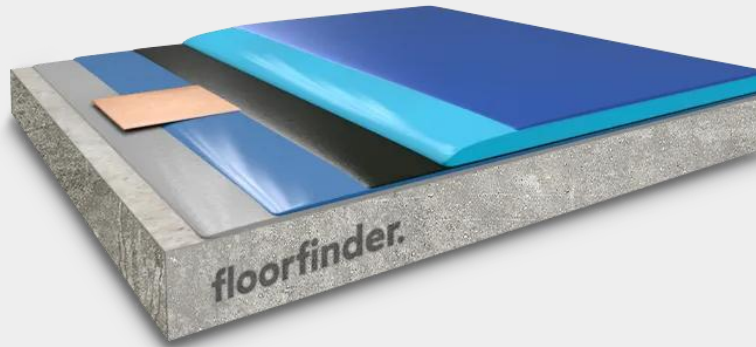
FLOORFINDER

EP-T703

PRIMER



SYSTEM BUILD UP



FLOORFINDER

EP-S644 AS

SEALER
(OPTIONAL)



FLOORFINDER

EP-C544 AS

SELF-
LEVELLING
COATING



SYSTEM HIGHLIGHTS

1.5 – 3.0 mm System thickness



High impact
resistance



Capable of
bearing load



Conductive
acc. DIN EN
1081, DIN EN
61340-4-1



Hygienic



Good
chemical
resistance



Optionally slip
resistance



FLOORFINDER **UNIVERSAL ESD**

Application and Consumption

Layer	Product	Consumption (kg/m ²)	Sand broadcasting (kg/m ²)	Thickness (mm)	Application
Optional: Sealer	FLOORFINDER EP-S644 AS	0.3 – 0.8		0.2 – 0.5	rubber squeegee, roller
Self-levelling coating, conductive	FLOORFINDER EP-C544 AS	1.4 – 2.8	Optional: SIC F70 (0.18-0.25 mm) 0,02 – 0,08	1.0 – 2.0	notched trowel or squeegee + spike roller
Conductive layer, incl. copper tape	FLOORFINDER EP-E480	0.1 – 0.11 + 8 - 10 % Water	none	0.06 – 0.08	roller, squeegee + roller
Optional: Scratch coat, levelling layer	FLOORFINDER EP-C500 (fillable 10-20% with FLOORFINDER QNV0)	0.8 – 2.0 (+ 0.08 – 0.4 QNV0)	none	0.5 – 2.0	trowel or rubber squeegee / notched trowel or squeegee
Primer	FLOORFINDER EP-T703 or FLOORFINDER EP-P210	0.3 – 0.5	Optional: QS (0.3-0.8 mm) Ca. 0.5	0.2 – 0.3	Rubber squeegee, 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/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
Compressive strength	EN 196 / ASTM C109	Ca. 70 N/mm ²
Flexural strength	EN 196 / ASTM C109	Ca. 40 N/mm ²
Resistance to earth	EN 1081 EN 61340-4-1	$\leq 10^6 \Omega$ (Rg) $\leq 10^9 \Omega$ (Rg)
Body voltage	EN 61340-4-5	< 100V
Resistance footwear/person/floor	EN 61340-4-5	< $3.5 \times 10^7 \Omega$
Shore-Hardness	EN ISO 868	D 82 after 28 d
Adhesive strength	EN ISO 4624	> 2,5 N/mm ² (concrete failure)
Impact strength	EN 13813	≥ 4 Nm (IR4)
Wear resistance (Taber)	EN ISO 5470-1	≤ 55 mg
Chemical resistance	EN ISO 2812-1	Test liquids 3, 10, 11 (more see chemical resistance list)
Solvent free	Test method „Deutsche Bauchemie“	≤ 1 %
Fire resistance	DIN EN 13501-1	B _{fl} -s1

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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