

## FLOORFINDER *UNIVERSAL ESD* <sup>FF</sup>

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<sup>FF</sup>

CONDUCTIVE  
PRIMER



#### FLOORFINDER

EP-C500<sup>FF</sup>

SCRATCH  
COAT



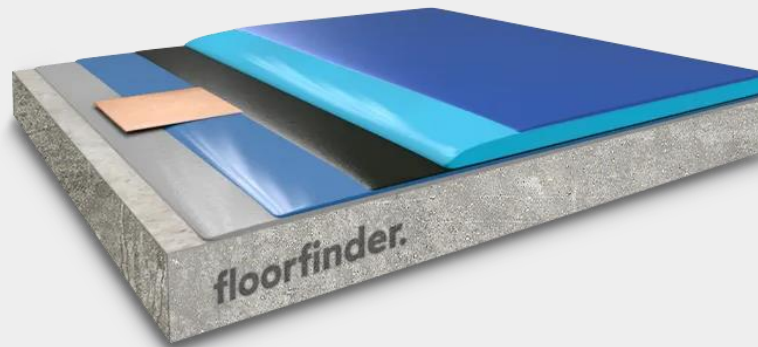
#### FLOORFINDER

EP-T703<sup>FF</sup>

PRIMER



## SYSTEM BUILD UP



#### FLOORFINDER

EP-S644 AS<sup>FF</sup>

SEALER  
(OPTIONAL)



#### FLOORFINDER

EP-C544 AS<sup>FF</sup>

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<sup>FF</sup>**

### Application and Consumption

Layer	Product	Consumption (kg/m <sup>2</sup> )	Sand broadcasting (kg/m <sup>2</sup> )	Thickness (mm)	Application
Optional: Sealer	FLOORFINDER EP-S644 AS <sup>FF</sup>	0.3 – 0.8		0.2 – 0.5	rubber squeegee, roller
Self-levelling coating, conductive	FLOORFINDER EP-C544 AS <sup>FF</sup>	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 <sup>FF</sup>	0.1 – 0.11 + 8 - 10 % Water	none	0.06 – 0.08	roller, squeegee + roller
Optional: Scratch coat, levelling layer	FLOORFINDER EP-C500 <sup>FF</sup> (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 <sup>FF</sup> or FLOORFINDER EP-P210 <sup>FF</sup>	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 $\geq 1.5$ N/mm <sup>2</sup> , 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 <sup>2</sup>
Flexural strength	EN 196 / ASTM C109	Ca. 40 N/mm <sup>2</sup>
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 <sup>2</sup> (concrete failure)
Impact strength	EN 13813	$\geq 4$ Nm (IR4)
Wear resistance (Taber)	EN ISO 5470-1	$\leq 55$ mg
Chemical resistance	EN ISO 2812-1	Test liquids 3, 10, 11 (more see chemical resistance list)
Solvent free	Test method „Deutsche Bauchemie“	$\leq 1$ %
Fire resistance	DIN EN 13501-1	B <sub>fl</sub> -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](http://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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