

FLOORFINDER

UNIFLEX

Versatile polyurethane resin based coating system, low emission, with light to medium mechanical and chemical loads, statically crack bridging properties and a wide spectrum of colours and surface structures.

Application Fields

Logistic sites

Laboratories

Warehouses

Production areas

Workshops

Supermarkets

Shopping centres

Asphalt substrates

SYSTEM BUILD UP

FLOORFINDER

PU-C501

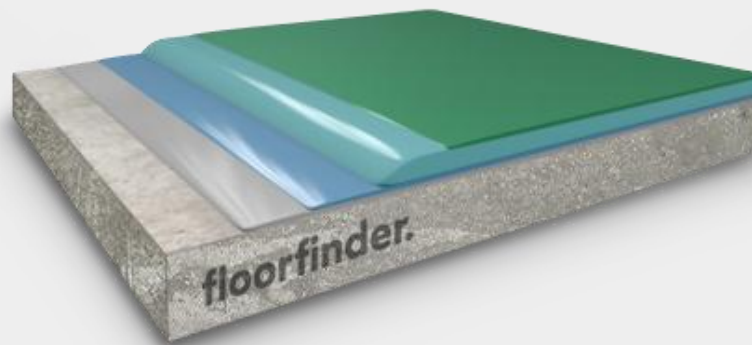
PORE
SEALER



FLOORFINDER

EP-T703

PRIMER



FLOORFINDER

PU-S6005 P

SEALER



FLOORFINDER

PU-C501

SELF-
LEVELLING
COATING



SYSTEM HIGHLIGHTS

2.0 – 5.0 mm System thickness



Statically
crack bridging



Seamless,
liquid tight
surfaces



Low emission
acc. AgBB and
other
standards



Hygienic



Very good UV
and colour
stability



Slip resistance
R9/R10/R11



FLOORFINDER **UNIFLEX**

Application and Consumption

Layer	Product	Consumption (kg/m ²)	Sand broadcasting (kg/m ²)	Thickness (mm)	Application
Sealer, coloured, matt	FLOORFINDER PU-S6005 P	0.09 – 0.12	none	0.05 – 0.07	roller
Self-levelling coating	FLOORFINDER PU-C501 (fillable up to 30 % depending on consumption)	1.7 – 2.5	none	1.1 – 2.0	notched trowel or squeegee (+ spike roller)
Pore sealer, levelling layer (recommended)	FLOORFINDER PU-C501 (fillable 10-20% FLOORFINDER QNV0)	0.8 – 2.0 (+ 80 – 400 QNV0)	none	0.5 – 2.0	trowel or squeegee, notched trowel or notched squeegee
Primer	FLOORFINDER EP-T703 or others	0.3 – 0.5	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. 51 N/mm ²
Flexural strength	EN 196 / ASTM C109	Ca. 59 N/mm ²
Tensile strength	DIN 53504	Ca. 25 N/mm ²
Elongation at break	DIN 53504	Ca. 10%
Shore-Hardness	DIN EN ISO 868	D 72 after 7 days
Adhesive strength	DIN EN ISO 4624	> 2.5 N/mm ² (concrete failure)
Impact strength	EN 13813	≥ 4 Nm (IR4)
Wear resistance (Taber)	DIN ISO 9352, ASTM D 1044	≤ 22 mg
Solids content	Test method Deutsche Bauchemie	$\sim 100\%$ („Total solid“)
Chemical Resistance	EN ISO 2812-1	Test liquids 3, 10, 11 (others on request)
Crack-bridging	EN 1062-7	Class A2 $\leq 0,5$ mm
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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