

## FLOORFINDER *UNIFLEX SR*

Slip resistant, tough hard polyurethane resin based coating system, for medium to hard loads, with good mechanical and chemical properties and a wide spectrum of colours and surface structures.

### Application Fields

Catering areas

Kitchen areas

Hangars

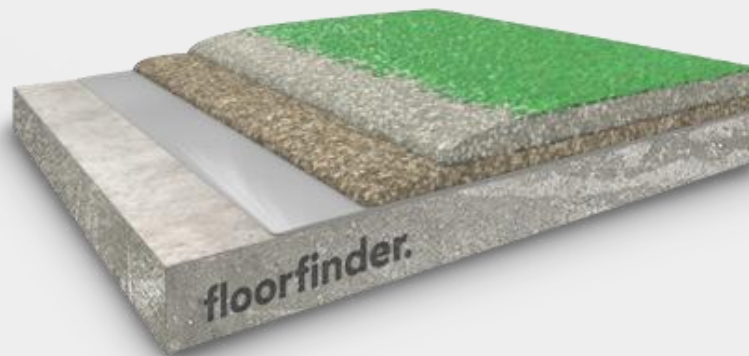
Workshops with liquids

Garages

Ramps

Production areas in food and beverage industry with wet conditions

## SYSTEM BUILD UP



### FLOORFINDER

PU-C501

SCRATCH  
COAT



### FLOORFINDER

EP-T703

PRIMER



### FLOORFINDER

UREA S6400 P

SEALER



### FLOORFINDER

PU-C501

WEAR  
COAT



## SYSTEM HIGHLIGHTS

2.5 – 5.0 mm System thickness



Statically  
crack bridging



Seamless,  
liquid tight  
surfaces



Low emission  
acc. AgBB and  
other  
standards



Hygienic



High abrasion  
resistance



Slip resistance  
R9/R10/R11



## FLOORFINDER **UNIFLEX SR**

### Application and Consumption

Layer	Product	Consumption (kg/m <sup>2</sup> )	Sand broadcasting (kg/m <sup>2</sup> )	Thickness (mm)	Application
Top coat, pigmented	FLOORFINDER UREA S6400 P	0.5 – 1.0	none	0.3 – 0.8	rubber squeegee, roller
Alternative	FLOORFINDER EP-S602 <sup>1</sup>				
Wear coat broadcasted with natural or coloured quartz sand	FLOORFINDER PU-C501 QS 0.3-0.8 or 0.6-1.2 mm	1.5 – 3.0	in excess	2.5 – 5.5	notched trowel or squeegee
Optional: Scratch coat, levelling layer	FLOORFINDER PU-C501 (fillable 10-20% with FLOORFINDER QNVO)	0.8 – 2.0 (+ 80 – 400 QNVO)	none	0.5 – 2.0	trowel or rubber 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 $\geq 1.5$ 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. <sup>1</sup> Not part of low emission certificate				

### Technical Data



Property	Standard	Result
Compressive strength	EN 196 / ASTM C109	Ca. 51 N/mm <sup>2</sup>
Flexural strength	EN 196 / ASTM C109	Ca. 59 N/mm <sup>2</sup>
Fire Resistance	EN 13501-1	Bfl-S1
Shore-Hardness	EN ISO 868	D 65 nach 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	$\leq 80$ mg
Chemical Resistance	EN ISO 2812-1	Test liquids 3, 10, 11 (more see chemical resistance list)
Solvent free / Total solid	Test method „Deutsche Bauchemie“	$\leq 1$ % (not valid for water-based sealing)
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.

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