

## FLOORFINDER *DECK 11a plus*

Parking deck coating system with separate membrane and wear coat with enhanced crack bridging properties (class B 3.2) for multi storey car parks for exposed and intermediate decks and sidewalks on bridges with pedestrian and vehicle traffic. In accordance with EN 1504-2 and DIN V 18026, class OS 11a / OS Fa.

### Application Fields

Exposed car park decks and covered intermediate decks

Roof decks with car traffic

Sidewalks on bridges

#### FLOORFINDER

PU-L310

WEAR  
COAT



#### FLOORFINDER

PU-L310

ELASTIC  
MEMBRANE



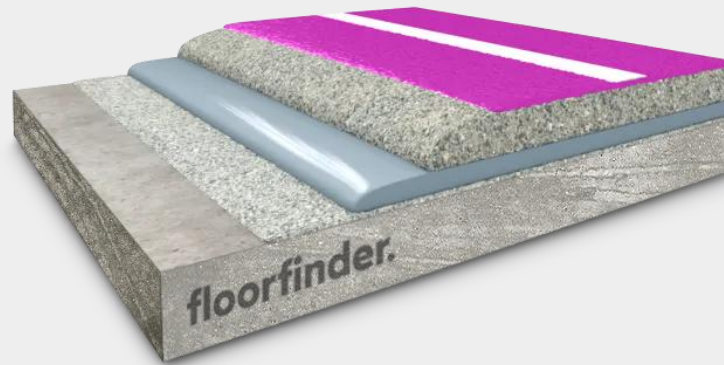
#### FLOORFINDER

EP-T703

PRIMER



## SYSTEM BUILD UP



#### LINE MARKING

E.G PU



#### FLOORFINDER

PU-S650

SEA;ER



## SYSTEM HIGHLIGHTS

4.0 – 5.0 mm System thickness



High abrasion  
resistance



Very high  
colour and UV  
stability with  
PU sealer



Fire resistance  
class B<sub>fl-s</sub>1



Dynamic crack  
bridging B3.2



Good chemical  
resistance  
against gasoline  
and others



Many colours  
available



Slip resistant  
surface for car  
traffic and  
pedestrian



Liquid tight  
surfaces



## FLOORFINDER *DECK 11a plus*

### Application and Consumption

Layer	Product	Consumption (kg/m <sup>2</sup> )	Sand broadcasting (kg/m <sup>2</sup> )	Thickness (mm)	Application
Sealer, UV-resistant	FLOORFINDER PU-S650	0.10 – 0.12 (minimum 2 coats)	none	ca. 0.05 – 0.10	rubber squeegee, roller for finish
Wear coat (HWO2)	FLOORFINDER PU-L310	0.6 – 1.2	QS 0.3-0.8 or 0.6-1.2 mm in excess	min. 2.5	notched trowel
High elastic water proofing membrane (HWO1)	FLOORFINDER PU-L310	1.8 – 2.1	none	min. 1.5	notched rubber squeegee or notched trowel
(optional) Levelling layer/scratch coat	FLOORFINDER EP-T703 + QS 0.1 – 0.4 mm	0.5 – 1.5 + QS 25–150 %	QS 0,3-0,8 mm In excess	0.5 – 1.5	notched trowel, roller for finish
Primer	FLOORFINDER EP-T703	0.3 – 0.5	QS 0.3-0.8 mm 0.5 – 0.8	ca. 0.3	roller or rubber squeegee
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
Adhesive strength at T <sub>NORM</sub>	DIN EN 1542	$\geq 3.1$ N/mm <sup>2</sup> ( $\geq 1.5$ N/mm <sup>2</sup> )
Adhesive strength after freeze-thaw with de-icing salt	DIN EN 13687-1 und -2	2.4 N/mm <sup>2</sup> ( $\geq 1.5$ N/mm <sup>2</sup> )
Dynamic crack bridging (-20°C)	DIN EN 1062-7	II <sub>T+V</sub> (B3.2)
Grip and slip resistant	DIN EN 13036-4 DIN 51130	57 Skt ( $\geq 55$ Skt) R11-V4 and R12-V6
Chemical resistance	DIN EN 13529	Test liquids DiBT Nr. 1, 3, 10
Abrasion resistance (H22 Rad)	DIN EN ISO 5470-1	2.100 mg /1000 U ( $\leq 3.000$ )
Carbon dioxide permeability	DIN EN 1062-6	Class III > 1.200 m (> 50 m)
Water vapour permeability	DIN EN ISO 7783-1 und -2	Class III > 200 m (> 50 m)
Water absorption coefficient	DIN EN 1062-3	< 0.01 kg/m <sup>2</sup> x h <sup>0.5</sup> (< 0,1)
Impact resistance	DIN EN ISO 6772-2	4 Nm – no cracks
Fire behaviour class system	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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