

## FLOORFINDER *ELASTIC SKY*

Decorative and elastic polyurethane coating system, very good UV- and colour stable, impact noise reducing, gentle to knees and joints, warm to feet, with good mechanical and chemical properties and a wide colour spectrum.

### Application Fields

- Schools
- Public buildings
- Private apartments
- Nursing homes
- Kindergarten
- Exhibition areas
- Restaurants
- Hospitals

## SYSTEM BUILD UP



## SYSTEM HIGHLIGHTS

2.0 – 5.0 mm System thickness

- Impact sound reducing up to 3dB
- Very high colour and UV stability
- Low emission tested
- Abrasion resistant and suitable for chair castors
- Suitable for underfloor heating
- Gentle to knees and joints
- Anti-slip surface
- Easy to clean



## FLOORFINDER *ELASTIC SKY*

### Application and Consumption

Layer	Product	Consumption (kg/m <sup>2</sup> )	Sand broadcasting (kg/m <sup>2</sup> )	Thickness (mm)	Application
Sealer flexible, transparent, matt	FLOORFINDER PU-S6000	0.12 – 0.14	none	0.11 – 0.13	roller or rubber squeegee and roller
Decorative, self-levelling coating, UV and colour stable	FLOORFINDER PU-C500 SKY 20	2.0 – 2.5	none	2.0 -2.2	notched trowel
(Recommended) Pore sealer	FLOORFINDER PU-C525	0.6 – 1.0	none	ca. 0.5	notched trowel
Primer	FLOORFINDER EP-T703 or others	ca. 0.4	QS 0.3 – 0.8 mm ca. 0.5	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
Tensile strength( top coating)	DIN 53504	ca. 9 N/mm <sup>2</sup>
Elongation at break (top coating)	DIN 53504	ca. 60 %
Tear resistance	DIN 53515	ca. 12 N/mm <sup>2</sup>
Shore-Hardness	DIN ISO 868	80 A nach 28 d
Way to use	In relating to DIN EN 685	Private buildings: 23 Public buildings: 34
Impact sound reduction	DIN 4109	ca. 2 – 3 dB
Impact strength	DIN EN 13813	$\geq 4$ Nm (IR4)
Wear resistance (Taber)	ISO 9352, ASTM D 1044	$\leq 80$ mg
Anti-skid surface	BGR 181 / DIN 51130	Class R9
Adhesive strength	DIN ISO 4624	$>1,5$ N/mm <sup>2</sup>
Fire behaviour class system	EN 13501-1	Bfl-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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