

# VIASOL *ELASTIC SKY*



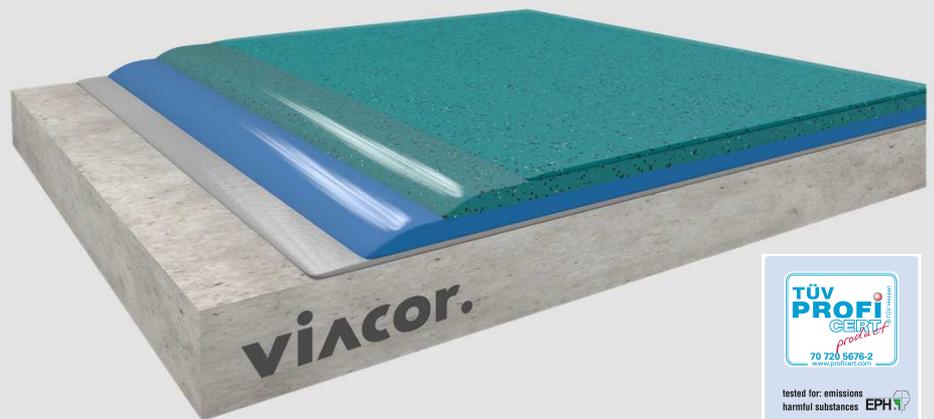
Decorative and elastic polyurethane coating system, very good UV- and colour stable, impact noise reducing, gentle to knees and joints, warm to feet, with good mechanical and chemical properties and a wide colour spectrum.

## Application fields

- |          |                    |             |                  |               |              |
|----------|--------------------|-------------|------------------|---------------|--------------|
| Schools  | Kindergarten       | foyers      | Hospitals        | Nursing homes | universities |
| Shops    | Public buildings   | Restaurants | Exhibition areas |               |              |
| canteens | Private apartments |             |                  |               |              |

## System build-up

- |   |  |
|---|--|
| <b>VIASOL PU-S6000</b><br>SEALER                |  |
| <b>VIASOL PU-C500 SKY</b><br>DECORATIVE COATING |  |
| <b>VIASOL PU-C525</b><br>BASIC LAYER            |  |
| <b>VIASOL EP-T703</b><br>PRIMER                 |  |



## System highlights

2,0 - 5,0 mm System thickness



Impact sound reducing up to 3 dB



Low emission tested



Easy to clean



Very high color and UV-stability



Gentle to knees and joints



Anti-skid surface



Abrasion resistant and suitable for chair castors



Suitable for underfloor heating

## System pictures



# VIASOL 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	VIASOL PU-S6000	0,10 – 0,13	none	0,08 – 0,10	roller or rubber squeegee and roller
Decorative, self-levelling coating, UV and colour stable	VIASOL PU-C500 SKY 10/20/30	2,9 – 3,7	none	2,0 – 2,5	notched trowel
(Recommended) Pore sealer	VIASOL PU-C525	0,6 – 1,0	none	ca. 0,5	notched trowel
Primer	VIASOL 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 $\geq 1.5 \text{ N/mm}^2$ , residual moisture content $< 4 \text{ \%CM}$ , 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 VIASOL 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	$\geq 4 \text{ Nm}$ (IR4)
Wear resistance (Taber)	ISO 9352, ASTM D 1044	$\leq 80 \text{ mg}$
Anti-skid surface	BGR 181 / DIN 51130	Class R9
Adhesive strength	DIN ISO 4624	$>1,5 \text{ N/mm}^2$
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 VIACOR data sheets are updated on a regular basis it is the users responsibility to obtain the most recent issue (see [www.viacor.de](http://www.viacor.de) or contact us directly)– all technical information is subject to change without prior notice

**Manufacturer:**