

VIASOL *ELASTIC SKY* soft



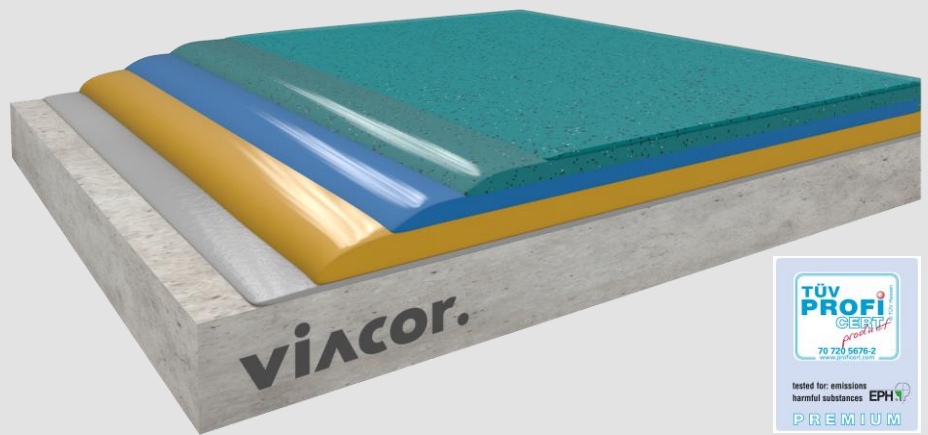
Decorative and elastic polyurethane coating system, very good UV- and colour stable, with impact noise reducing intermediate layer, gentle to knees and joints, temperature pleasing to the feet, with light to medium mechanical and chemical resistance and a wide colour spectrum.

Application fields

- Schools
- Kindergarten
- Foyers
- Hospitals
- Nursing home
- Offices
- Shops
- Public buildings
- Restaurants
- Canteens
- Private apartments
- Exhibition areas

System build- up

- VIASOL PU-S6000**
 SEAL COAT
- VIASOL PU-C500 SKY**
 DECORATIVE COATING
- VIASOL PU-C525**
 BASIC LAYER
- VIASOL PU-L325**
 ELASTIC LAYER
- VIASOL PU-C525**
 PORE SEALER
- VIASOL EP-T703**
 PRIMER

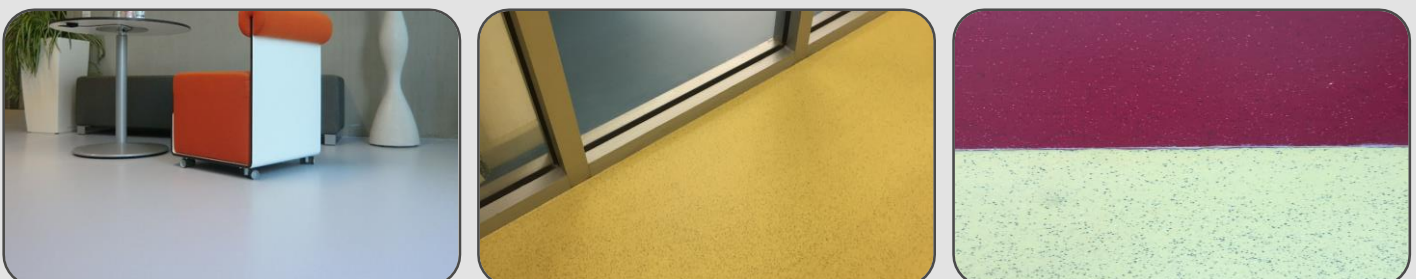


System highlights

4,0 - 8,0 mm System thickness

- Impact sound reducing up to 12 dB**
- Very high color and UV-stability**
- Low emission tested**
- Easy to clean**
- Gentle to knees and joints**
- High abrasion resistance**
- Suitable for underfloor heating**

System pictures



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Application and Consumption

Layer	Product	Consumption (kg/m ²)	Sand broadcasting (kg/m ²)	Thickness (mm)	Application
Sealer, matt, flexible, transparent	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	2,0 – 2,5	none	2,0 – 2,2	notched trowel
Basic layer	VIASOL PU-C525	1,0 – 2,5	none	0,8 – 2,0	notched trowel
High elastic intermediate layer	VIASOL PU-L325	2,0 – 6,0	none	2,0 – 6,0	notched rubber squeegee or 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 ≥ 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 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 ²
Elongation at break (top coating)	DIN 53504	ca. 60 %
Tear resistance	DIN 53515	ca. 12 N/mm ²
Shore-Hardness	DIN ISO 868	80 A nach 28 d
Way to use	In Relation to DIN EN 685	Private buildings: 23 Public buildings: 34
Impact sound reduction	DIN 4109	ca. 8 – 12 dB
Impact strength	DIN EN 13813	≥ 4 Nm (IR4)
Wear resistance (Taber)	ISO 9352, ASTM D 1044	≤ 80 mg
Anti-skid properties	BGR 181 / DIN 51130	Class R9
Adhesive strength	DIN ISO 4624	$> 1,5$ 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 or contact us directly) – all technical information is subject to change without prior notice

Manufacturer: