

VIASOL *ELASTIC SKY* soft

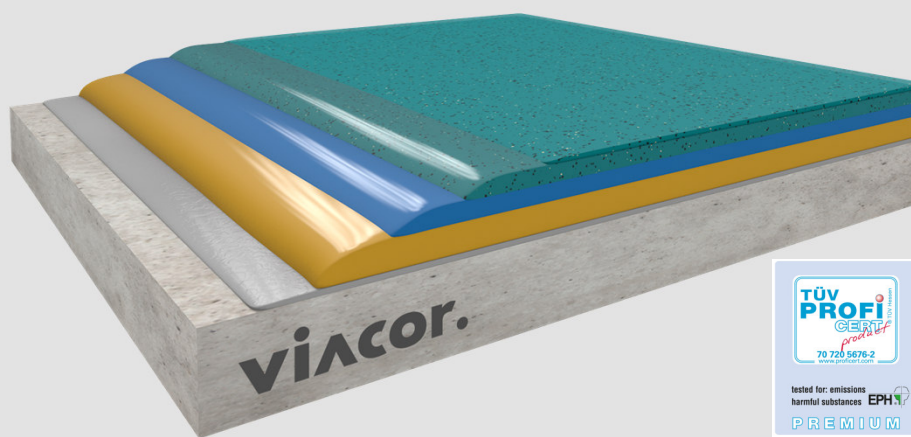
Decorative and elastic polyurethane coating system, very good UV- and colour stable, with impact noise reducing intermediate layer, gentle to knees and joints, temperature pleasing to the feet, with light to medium mechanical and chemical resistance and a wide colour spectrum.

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 in accordance with the criteria of the Committee for the Health Assessment of Building Products (AgBB)



Easy to clean



Gentle to knees and joints

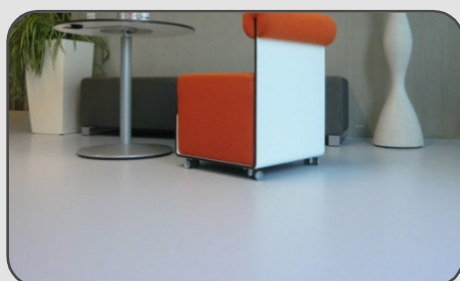


High abrasion resistance



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	2,1 – 3,1	none	1,5 – 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 $\geq 1.5 \text{ N/mm}^2$, 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 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	$\geq 4 \text{ Nm (IR4)}$
	Wear resistance (Taber)	ISO 9352, ASTM D 1044	$\leq 80 \text{ mg}$
	Anti-skid properties	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 or contact us directly)– all technical information is subject to change without prior notice

Manufacturer:

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