

VIASOL *ELASTIC UV comfort*

Elastic polyurethane coating system, very good UV- and colour stable, with impact sound reducing rubber or foam mat, gentle to joints, temperature pleasing to the feet, with good mechanical and chemical properties and a wide colour spectrum.

Application fields

Schools	Kindergarten	Foyers	Hospitals	Nursing home	Officers
Shops	Public buildings	Restaurants	Canteens	Private apartments	

System build-up

VIASOL PU-S6000 SEALER	
VIASOL PU-C500 SELF-LEVELLING COATING	
VIASOL PU-C525 LEVELLING LAYER	
VIASOL PU-L375 PORE SEALER	
VIASOL Elastic mat ELASTIC FOAM MAT	
VIASOL PU-B976 ADHESIVE	
VIASOL EP-T703 PRIMER	



System highlights

6,0 - 11,0 mm System thickness



Noise reducing up to 20 dB



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



Gentle to knees and joints



Suitable for underfloor heating



Very good UV and colour stability



Easy to clean

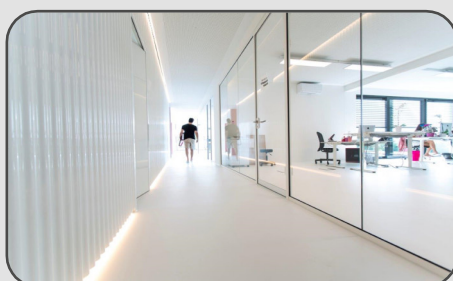


Hygienic



Abrasion resistant and suitable for chair castors

System pictures

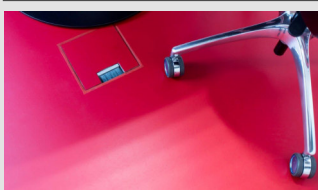


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Application and Consumption

Layer	Product	Consumption (kg/m ²)	Sand broadcasting (kg/m ²)	Thickness (mm)	Application
Sealer, matt, flexible, transparent or coloured	VIASOL PU-S6000 <i>or</i> VIASOL PU-S6000 P	0,10 – 0,13	none	0,08 – 0,10	roller or rubber squeegee and roller
Self-levelling coating, UV- and colour stable	VIASOL PU-CS00	2,1 – 3,1	none	1,5 – 2,2	notched trowel
Levelling layer (recommended)	VIASOL PU-CS25	0,6 – 1,0	none	ca. 0,5	notched trowel
Pore sealer	VIASOL PU-L375	ca. 1,0	none	0,1 – 0,2	rubber squeegee or trowel
Elastic mat, adhesive	Foam mat VIASOL PU-B976	4,0 – 6,0 mm ca. 0,8	none	4,0 – 6,0	roll out on fresh adhesive notched trowel
(Optional) Levelling layer	VIASOL PU-CS25	0,6 – 1,0	none	ca. 0,5	notched trowel
Primer	VIASOL EP-T703 <i>or</i> 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 (coating)	DIN 53504	ca. 9 N/mm ²
	Elongation at break (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 EN ISO 10140-3	ca. 22 – 23 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 / R10
	Adhesive strength	DIN ISO 4624	$>1,5$ N/mm ²

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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