

VIASOL *ELASTIC soft*

High elastic polyurethane coating system, with impact sound 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

Hospitales

Nursing home

Offices

Shops

Public buildings

Restaurants

Exhibition areas

Canteens

Private apartments

System build-up

VIASOL PU-S6000 P

SEALER



VIASOL PU-C525

SELF LEVELLING COATING



VIASOL PU-L325

ELASTIK LAYER



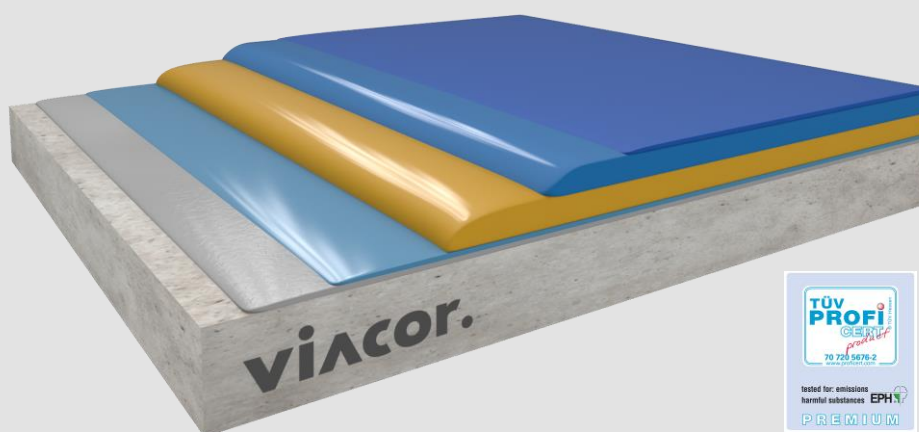
VIASOL PU-C525

PORE SEALER



VIASOL EP-T703

PRIMER



System highlights

4,0 - 8,0 mm System thickness

Impact sound reducing
up to 12 dBVery high color and UV
stability

Low emission tested



Easy to clean



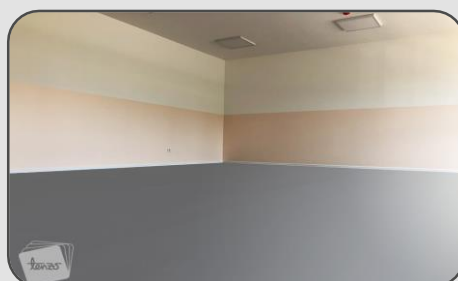
Gentle to knees and joints



Hygienic

Suitable for underfloor
heatingAbrasion resistant and
suitable for chair castors

System pictures




VIASOL *ELASTIC soft*



Application and Consumption

Layer	Product	Consumption (kg/m ²)	Sand broadcasting (kg/m ²)	Thickness (mm)	Application
Sealer, matt, pigmented	VIASOL PU-S6000 P	0,10 – 0,13	none	0,08 – 0,10	roller or rubber squeegee and roller
Self-levelling coating, highly elastic	VIASOL PU-C525	2,0 – 3,0	none	1,5 – 2,2	notched trowel
Highly elastic intermediate layer	VIASOL PU-L325	2,0 – 6,0	none	2,0 – 6,0	notched rubber squeegee or notched trowel
(Recommended) Levelling layer	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 (coating)	DIN 53504	ca. 9 N/mm ²
	Elongation at break (coating)	DIN 53504	ca. 200 %
	Tear resistance	DIN 53515	ca. 15 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. 9 – 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 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