

# VIASOL *ELASTIC soft*



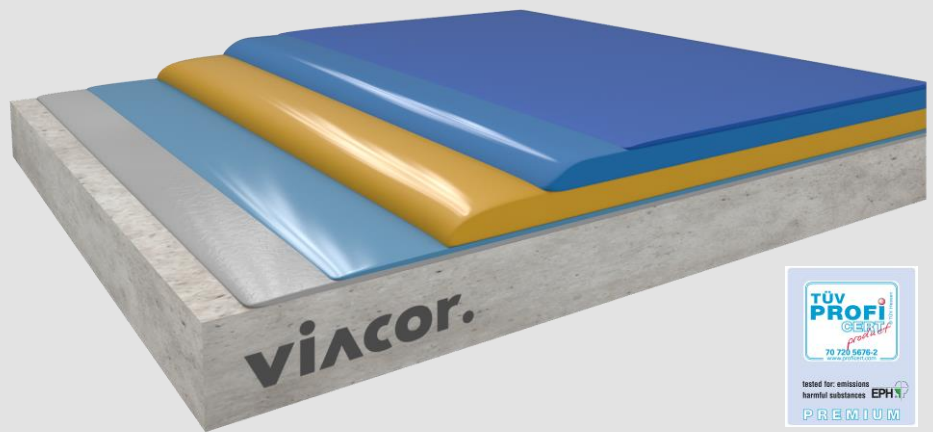
High elastic polyurethane coating system, with impact sound reducing intermediate layer, gentle to knees and joints, temperature pleasing to the feet, with light to medium mechanical and chemical resistance and a wide colour spectrum.

## 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

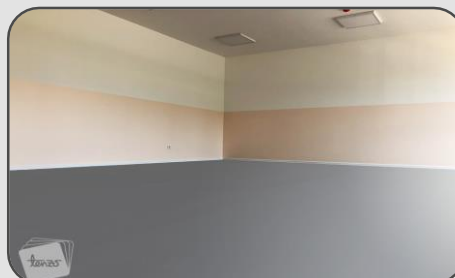


## System highlights

4,0 - 8,0 mm System thickness

- Impact sound reducing up to 12 dB**
- Low emission tested**
- Gentle to knees and joints**
- Suitable for underfloor heating**
- Very high color and UV 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 <sup>2</sup> )	Sand broadcasting (kg/m <sup>2</sup> )	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 $\geq 1.5$ N/mm <sup>2</sup> , 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 <sup>2</sup>
Elongation at break (coating)	DIN 53504	ca. 200 %
Tear resistance	DIN 53515	ca. 15 N/mm <sup>2</sup>
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. 12 – 20 dB
Impact strength	DIN EN 13813	$\geq 4$ Nm (IR4)
Wear resistance (Taber)	ISO 9352, ASTM D 1044	$\leq 80$ mg
Anti skid properties	BGR 181 / DIN 51130	Class R9
Adhesive strength	DIN ISO 4624	$>1,5$ N/mm <sup>2</sup>
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](http://www.viacor.de) or contact us directly) – all technical information is subject to change without prior notice

**Manufacturer:**