

# VIASOL *ELASTIC UV soft*



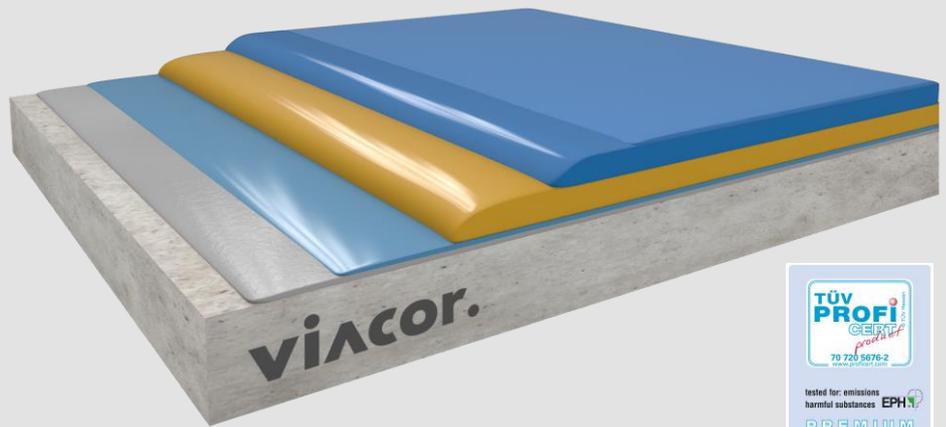
Elastic polyurethane coating system, very good UV- and colour stable, with impact noise reducing intermediate layer, gentle to knees and joints, temperature pleasing to the feet, with light to medium mechanical and chemical resistance and a wide colour spectrum.

## Application fields

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

## System build-up

- |   |  |
|---|--|
| <b>VIASOL PU-S6000</b><br>SEALER                |  |
| <b>VIASOL PU-C500</b><br>SELF LEVELLING COATING |  |
| <b>VIASOL PU-C525</b><br>BASIC LAYER            |  |
| <b>VIASOL PU-L325</b><br>ELASTIC LAYER          |  |
| <b>VIASOL PU-C525</b><br>PORE SEALER            |  |
| <b>VIASOL EP-T703</b><br>PRIMER                 |  |



## System highlights

4,0 - 8,0 mm System thickness

- |                                   |   |
|-----------------------------------|---|
| Impact sound reducing up to 20 dB | Very good UV- and colour stable                   |
| Low emission tested               | Easy to clean                                     |
| Gentle to knees and joints        | Hygienic  |
| Suitable for underfloor heating   | 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)	Verlegung
Seal coat, matt, flexible, transparent or coloured	VIASOL PU-S6000 <i>or</i> VIASOL PU-S6000 P	0,10 – 0,13	-	0,08 – 0,10	roller or rubber squeegee and roller
Self-levelling coating, UV- and colour stable	VIASOL PU-C500	2,0 – 3,0	Optional: colour chips	1,5 – 2,2	notched trowel
Basic layer	VIASOL PU-C525	1,0 – 2,5	-	0,8 – 2,0	notched trowel
Highly elastic intermediate layer	VIASOL PU-L325	2,0 – 6,0	-	2,0 – 6,0	notched rubber squeegee or notched trowel
(optional) Levelling layer	VIASOL PU-C525	0,6 – 1,0	-	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	Satndard	Result
	Tensile strength (top coating)	DIN 53504	ca. 9 N/mm <sup>2</sup>
	Elongation at break (top coating)	DIN 53504	ca. 60 %
	Tear resistance	DIN 53515	ca. 12 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 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 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](http://www.viacor.de) or contact us directly)– all technical information is subject to change without prior notice

**Manufacturer :**