

VIASOL *ELASTIC comfort*

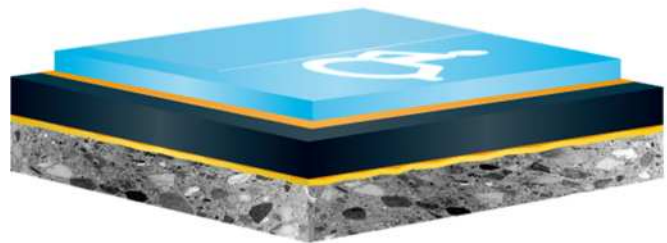
High elastic polyurethane coating system, with impact sound reducing rubber or foam mat, gentle to joints, temperature pleasing to the feet, with good mechanical and chemical properties and a wide colour spectrum.

SYSTEM BUILD-UP

- Coloured seal coat:
VIASOL PU-S6000P or PU-S688P N
- Self-levelling coating
VIASOL PU-C525
- Levelling coating (recommended)
VIASOL PU-C525
- Pore sealer:
VIASOL PU-L375
- Elastic mat 4 – 6 mm
with adhesive: **VIASOL PU-B976**
- Levelling coating (optional)
VIASOL PU-C525 / PU-C501
- Primer for cementitious substrates:
VIASOL EP-P203 or other
- Substrate: concrete, cementitious screed, asphalt, wood and others

SYSTEM THICKNESS

6.0 – 11.0 mm



SYSTEM HIGHLIGHTS

- Many colours available
- Certified slip resistance
- Impact sound reduction
- Low emission tested accord. AgBB guidelines and other European standards
- TÜV-ProfiCert Premium certified

APPLICATION FIELDS

- Schools, kindergarten, universities
- Hospitals, nursing and residential homes
- Offices and public buildings
- Restaurants and canteens
- Shops, foyers and exhibition areas



SYSTEM BENEFITS

- Impact sound reducing up to 20 dB
- Gentle to knees and joints, durable elasticity
- Low emission accord. to AgBB guidelines and other European standards
- Self-leveling, seamless and joint less
- High abrasion resistance, suitable for chairs with wheels
- Good chemical resistance
- Homogeneous and anti-skid surface
- Hygienic, no pores, impermeable to liquids
- Easy to clean and maintain
- Available in many colours
- Very high color and UV-stability
- Suitable for floor heating

Manufacturer:

VIACOR Polymer GmbH, Graf-Bentzel-Str.78, D-72108 Rottenburg,
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VIASOL system data sheet

GREEN LINE ECO

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APPLICATION AND CONSUMPTION

layer	product	consumption (kg/m ²)	sand broadcasting (kg/m ²)	thickness mm	application
Seal coat, flexible, coloured	VIASOL PU-S6000P	0.10 – 0.13	none	0.08 – 0.10	roller or rubber squeegee and roller
alternative	VIASOL PU-S688P N	0.11 – 0.13			
Self-levelling coating, high elastic	VIASOL PU-C525	2.0 – 3.0	none	1.5 – 2.2	notched trowel
Levelling layer, (recommended)	VIASOL PU-C525	0.6 – 1.0	none	approx. 0.5	notched trowel
Pore sealer	VIASOL PU-L375	ca. 1,0	none	0.1 – 0.2	rubber squeegee or trowel
elastic mat, adhesive	*SBR or 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
Levelling layer, (optional)	VIASOL PU-C525	0.6 – 1.0	none	approx. 0.5	notched trowel
Primer	VIASOL EP-P203 or others	ca. 0.4	QS 0.3 – 0.8 mm approx 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. *with SBR mat no low emission certificate				

TECHNICAL DATA

Property	standard	result
Tensile strength(top coating)	DIN 53504	approx.9 N/mm ²
Elongation at break (top coating)	DIN 53504	approx. 200 %
Tear resistance	DIN 53515	approx. 15 N/mm ²
Shore-Hardness	DIN ISO 868	75 A after 28 d
Way of use	In relation to DIN EN 685	Private buildings: 23 Public buildings: 34
Noise reduction	DIN 4109	ca. 12 – 20 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
Fire behaviour system	EN 13501-1	NPD

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.

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