









VIASOL system data sheet

VIASOL **ELASTIC SKY comfort**

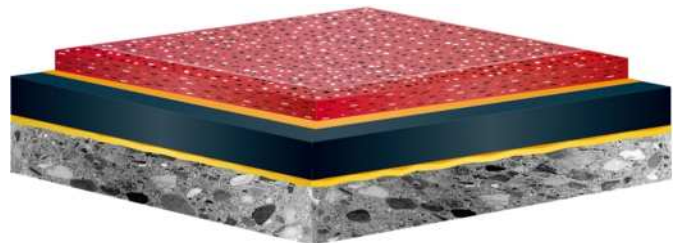
Decorative, elastic polyurethane coating system, very good UV- and colour stable, with noise reducing rubber or foam mat, gentle to joints, temperature pleasing to the feet, with good mechanical and chemical properties and a wide colour spectrum.

SYSTEM BUILD-UP

-  Transparent seal coat:
VIASOL PU-S688 N or PU-S6000
-  Decorative coating, UV- and colour stable
VIASOL PU-C500 SKY 10 / 20 / 30
-  Basic layer
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-P210 or other
-  Substrate: concrete, cementitious screed, asphalt, wood and others

SYSTEM THICKNESS

6.0 – 11.0 mm



SYSTEM HIGHLIGHTS

- Very good UV and colour stable
- Many colours available
- Decorative appearance
- Impact sound reduction

APPLICATION FIELDS

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



SYSTEM BENEFITS

- Impact sound reducing up to 20 dB
- Gentle to knees and joints, durable elasticity
- 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:

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APPLICATION AND CONSUMPTION

layer	product	consumption (kg/m ²)	sand broadcasting (kg/m ²)	thickness mm	application
Seal coat, flexible, transparent	VIASOL PU-S688 N	0.10 – 0.13	none	0.08 – 0.10	roller or rubber squeegee and roller
alternative	VIASOL PU-S6000	0.11 – 0.13			
Decorative, self-levelling coating, UV- and colour stable	VIASOL PU-C500 SKY (10 / 20/ 30)	2.0 – 3.0	none	1.5 – 2.2	notched trowel
Basic layer	VIASOL PU-C525	1.0 – 1.5	none	0.9 – 1.2	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-P260	ca. 0.4	QS 0.3 – 0.8 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.				

TECHNICAL DATA

property	standard	result
Tensile strength(top coating)	DIN 53504	approx.9 N/mm ²
Elongation at break (top coating)	DIN 53504	approx. 60 %
Tear resistance	DIN 53515	approx. 11 N/mm ²
Shore-Hardness	DIN ISO 868	80 A after 28 d
Way of use (classification)	DIN EN 685	Private buildings: 23 Public buildings: 34 Industrial buildings: 41
Impact sound reduction	DIN 4109	ca. 12 – 20 dB
Impact strength	DIN EN 13813	≥ 4 Nm (IR4)
Wear resistance (Taber)	ISO 9352, ASTM D 1044	≤ 30 mg
Anti-skid properties	BGR 181 / DIN 51130	class R9 / R10
Adhesive strength	DIN ISO 4624	>1.5 N/mm ²
Fire behaviour class 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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