






VIASOL **ELASTIC SKY**

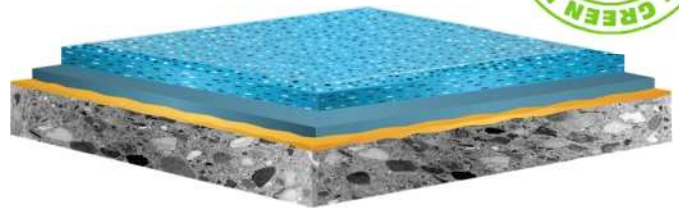
Decorative and elastic polyurethane coating system, very good UV- and colour stable, impact noise reducing, gentle to knees and joints, warm to feet, with good mechanical and chemical properties and a wide colour spectrum.

SYSTEM **BUILD-UP**

-  Transparent seal coat:
VIASOL PU-S6000 or PU-S688N
-  Decorative coating, UV- and colour stable:
VIASOL PU-C500 SKY
-  Basic layer, levelling coating
VIASOL PU-C525 (recommended)
-  Primer for cementitious substrates:
VIASOL EP-P203, EPT703 or other
-  Substrate: concrete, cementitious screed, asphalt, wood and others

SYSTEM **THICKNESS**

2.0 – 5.0 mm



SYSTEM **HIGHLIGHTS**

- Decorative appearance
- Very high UV- and colour stability
- Slightly impact sound reduction
- Many colours available
- 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
- Private apartments and homes



SYSTEM **BENEFITS**

- Impact sound reducing up to 3 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
- Fire resistance class B_{fl}-S1

Manufacturer:

VIASOL system data sheet

GREEN LINE ECO

VIASOL ELASTIC SKY

APPLICATION AND CONSUMPTION

layer	product	consumption (kg/m ²)	sand broadcasting (kg/m ²)	thickness mm	application
Seal coat, flexible, transparent	VIASOL PU-S6000	0.10 – 0.13	none	0.08 – 0.10	roller or rubber squeegee and roller
alternative	VIASOL PU-S688 N	0.11 – 0.13			
Decorative, self-levelling coating, UV and colour stable	VIASOL PU-C500 SKY	2.0 – 2.5	none	1.5 – 2.0	notched trowel
Basic and levelling layer (replaces pore sealer)	VIASOL PU-C525	1.0 – 2.5	none	0.8 – 2.0	notched trowel
Pore sealer (if necessary)	VIASOL PU-C525	0.6 – 1.0	none	approx. 0.5	notched trowel
Primer	VIASOL EP-P203 or other	ca. 0.4	QS 0.3 – 0.8 mm approx 0.5	ca. 0.2	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 $< 4 \%$ -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. 15 N/mm ²
Shore-Hardness	EN ISO 868	A 80 after 28 d
Way of use (classification)	Relating to EN 685	Private buildings: 23 Public buildings: 34
Impact sound reduction	DIN 4109	ca. 8 – 12 dB
Impact strength	EN 13813	$\geq 4 \text{ Nm}$ (IR4)
Wear resistance (Taber)	EN ISO 5470-1, ASTM D 1044	$\leq 30 \text{ mg}$
Anti-skid properties	BGR 181 / DIN 51130	class R9 / R10
Adhesive strength	DIN ISO 4624	$>1.5 \text{ N/mm}^2$
Fire behaviour class system	EN 13501-1	B _{fl} -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

Manufacturer:

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