








### VIASOL **ELASTIC SKY soft**

Decorative and 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.

#### SYSTEM BUILD-UP

-  Transparent seal coat:  
**VIASOL PU-S6000**
-  Decorative coating, UV- and colour stable:  
**VIASOL PU-C500 SKY 10 / 20 / 30**
-  Basic layer:  
**VIASOL PU-C525**
-  Elastic layer  
**VIASOL PU-L325**
-  Pore sealer, levelling coating  
**VIASOL PU-C525** (if necessary)
-  Primer for cementitious substrates:  
**VIASOL EP-T703 or other**
-  Substrate: concrete, cementitious screed, asphalt, wood and others

#### SYSTEM THICKNESS

4.0 – 8.0 mm



#### SYSTEM HIGHLIGHTS

- Very good UV- and colour stable
- Many colours available
- Decorative appearance
- 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
- Private apartments and homes



#### SYSTEM BENEFITS

- Impact sound reducing up to 12 dB
- Gentle to knees and joints, durable elasticity
- Low emission tested accord. 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<sub>fl</sub>-s1

#### Manufacturer:

VIACOR Polymer GmbH, Graf-Bentzel-Str.78, D-72108 Rottenburg, Tel: +49/7472-94999-0, info@viacor.de, www.viacor.de

# VIASOL system data sheet

## GREEN LINE ECO

### VIASOL ELASTIC SKY soft

#### APPLICATION AND CONSUMPTION

layer	product	consumption (kg/m <sup>2</sup> )	sand broadcasting (kg/m <sup>2</sup> )	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
Decorative, self-levelling coating, UV- and colour stable	VIASOL PU-C500 SKY (10 / 20 / 30)	2.0 – 2.5	none	1.5 – 2.0	notched trowel
Basic layer	VIASOL PU-C525	1.0 – 1.5	none	0.9 – 1.2	notched trowel
High elastic intermediate layer	VIASOL PU-L325	2.0 – 6.0	none	2.0 – 6.0	notched rubber squeegee or notched trowel
Pore sealer, (if necessary)	VIASOL PU-C525	0.6 – 1.0	none	approx. 0.5	notched trowel
Primer	VIASOL EP-T703 or others	ca. 0.4	QS 0.3 – 0.8 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 $\geq 1.5$ 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( top coating)	DIN 53504	approx.9 N/mm <sup>2</sup>
Elongation at break (top coating)	DIN 53504	approx. 60 %
Tear resistance	DIN 53515	approx. 15 N/mm <sup>2</sup>
Shore-Hardness	DIN ISO 868	80 A after 28 d
Way of use	Relating to DIN EN 685	Private buildings: 23 Public buildings: 34
Impact sound reduction	DIN 4109	ca. 8 – 12 dB
Impact strength	DIN EN 13813	$\geq 4$ Nm (IR4)
Wear resistance (Taber)	ISO 9352, ASTM D 1044	$\leq 30$ mg
Anti-skid properties	BGR 181 / DIN 51130	class R9 / R10
Adhesive strength	DIN ISO 4624	$> 1.5$ N/mm <sup>2</sup>
Fire behaviour class system	EN 13501-1	B <sub>fl</sub> -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:

VIACOR Polymer GmbH, Graf-Bentzel-Str.78, D-72108 Rottenburg, Tel: +49/7472-94999-0, [info@viacor.de](mailto:info@viacor.de), [www.viacor.de](http://www.viacor.de)