






## VIASOL **ELASTIC**

Highly elastic polyurethane coating system, impact sound reducing, gentle to knees and joints, warm to feet, with light to medium mechanical and chemical resistance and a wide colour spectrum.

### SYSTEM **BUILD-UP**

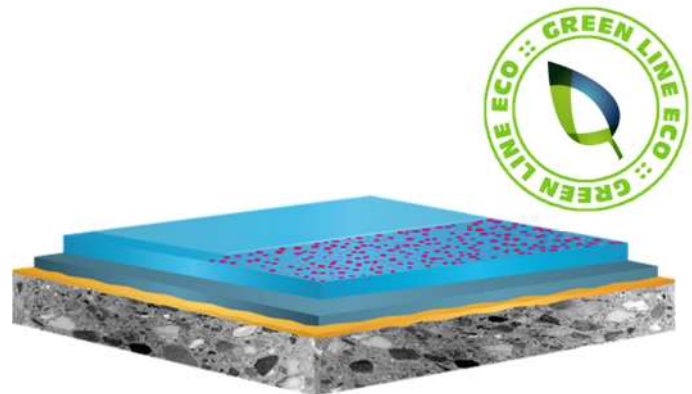
-  Coloured seal coat, UV- and colour stable:  
**VIASOL PU-S6000P** or PU-S688P N
-  Self-levelling coating  
**VIASOL PU-C525**
-  Pore sealer, levelling coating  
**VIASOL PU-C525** (recommended)
-  Primer for cementitious substrates:  
**VIASOL EP-P203, EP-T703** or other
-  Substrate: concrete, cementitious screed, asphalt, wood and others

### SYSTEM **HIGHLIGHTS**

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

### SYSTEM **THICKNESS**

2.0 – 5.0 mm



### 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
- Light to medium 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:

# VIASOL system data sheet

## GREEN LINE ECO

### VIASOL ELASTIC

#### APPLICATION AND CONSUMPTION

layer	product	consumption (kg/m <sup>2</sup> )	sand broadcasting (kg/m <sup>2</sup> )	thickness mm	application
Seal coat, flexible, coloured	VIASOL PU-S6000	0.10 – 0.13	optional micro chips 2 mm	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, (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 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 $\geq 1.5$ 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. 200 %
Tear resistance	DIN 53515	approx. 15 N/mm <sup>2</sup>
Shore-Hardness	EN ISO 868	A 80 after 28 d
Way of use	Relating to EN 685	Private buildings: 23 Public buildings: 34
Impact sound reduction	DIN 4109	ca. 8 – 12 dB
Impact strength	EN 13813	$\geq 4$ Nm (IR4)
Wear resistance (Taber)	EN ISO 5470-1, ASTM D 1044	$\leq 80$ mg
Anti-skid properties	BGR 181 / DIN 51130	class R9 / R10
Adhesive strength	EN 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: