SYSTEM DATA SHEET

VIASOL *ELASTIC UV comfort*

Elastic polyurethane coating system, very good UV- and colour stable, 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.

Application fields

Schools | Kindergarten | Foyers | Hospitals | Nursing home | Officers

Shops | Public buildings | Restaurants | Canteens | Private apartments

System build-up

VIASOL PU-S6000
SEALER

VIASOL PU-C500
SELF-LEVELLING COATING

VIASOL PU-C525
LEVELLING LAYER

VIASOL PU-L375
PORE SEALER

VIASOL Elastic mat
ELASTIC FOAM MAT

VIASOL PU-B976
ADHESIVE

VIASOL EP-T703
PRIMER

System highlights

6,0 - 11,0 mm System thickness

- Noise reducing up to 20 dB
- Very good UV and colour stability
- Low emission tested
- Easy to clean
- Gentle to knees and joints
- Hygienic
- Suitable for underfloor heating
- Abrasion resistant and suitable for chair castors

System pictures

VIASOL *ELASTIC UV comfort*

Application and Consumption

Layer	Product	Consumption (kg/m²)	Sand broadcasting (kg/m²)	Thickness (mm)	Application
Sealer, matt, flexible, transparent or coloured	VIASOL PU-S6000 *or* VIASOL PU-S6000 P	0,10 – 0,13	none	0,08 – 0,10	roller or rubber squeegee and roller
Self-levelling coating, UV- and colour stable	VIASOL PU-C500	2,0 – 3,0	none	1,5 – 2,2	notched trowel
Levelling layer (recommended)	VIASOL PU-C525	0,6 – 1,0	none	ca. 0,5	notched trowel
Pore sealer	VIASOL PU-L375	ca. 1,0	none	0,1 – 0,2	rubber squeegee or trowel
Elastic mat, adhesive	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
(Optional) Levelling layer	VIASOL PU-C525	0,6 – 1,0	none	ca. 0,5	notched trowel
Primer	VIASOL EP-T703 or others	ca. 0,4	QS 0,3 – 0,8 mm ca. 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/mm², 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 (coating)	DIN 53504	ca. 9 N/mm²
Elongation at break (coating)	DIN 53504	ca. 60 %
Tear resistance	DIN 53515	ca. 12 N/mm²
Shore-Hardness	DIN ISO 868	80 A nach 28 d
Way to use	In relation to DIN EN 685	Private buildings: 23 Public buildings: 34
Impact sound reduction	DIN EN ISO 10140-3	ca. 22 – 23 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/mm²

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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