



# VIASOL *ELASTIC vertical*

Elastic polyurethane wall coating system, with light to medium mechanical and chemical resistance, easy to clean surface and a wide colour spectrum.

## Application fields

- |         |                |             |                   |                    |          |
|---------|----------------|-------------|-------------------|--------------------|----------|
| Schools | Kindergarten   | foyers      | Hospitals         | Nursing home       | Officers |
| Shops   | Universities   | Restaurants | canteens          | Private apartments |          |
| Toilets | Changing rooms | Stairs      | Vertical surfaces |                    |          |

## System build-up

- |   |  |
|---|--|
| <b>VIASOL PU-V6000 P</b><br>2nd SEALER          |  |
| <b>VIASOL PU-V6000 P</b><br>1st SEALER          |  |
| <b>VIASOL PU-L373</b><br>FINE LEVELLING COATING |  |
| <b>VIASOL PU-L373</b><br>LEVELLING COATING      |  |
| <b>VIASOL EP-P285</b><br>PRIMER                 |  |



## System highlights

0,3- 1,5 mm System thickness



High abrasion resistance



Very high color and UV-stability



Low emission tested



Easy to clean

## System pictures



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## Application and Consumption

Layer	Product	Consumption (kg/m <sup>2</sup> )	Thickness (mm)	Application
2nd sealer, flexible, matt, coloured	VIASOL PU-V6000 P or VIASOL PU-S6000 P	0,10 – 0,12	0,08 – 0,10	roller
1st sealer, flexible, matt, coloured	VIASOL PU-V6000 P or VIASOL PU-S6000 P	0,10 – 0,12	0,08 – 0,10	roller
Optional: 2nd levelling layer	VIASOL PU-L373	0,3 – 0,5	0,2 – 0,4	smoothing trowel grinding after curing
Optional: 1st levelling layer	VIASOL PU-L373	0,8 – 1,0 +0,08 – 0,1 QS	0,5 – 0,8	smoothing trowel grinding after curing
Primer (in 1 or 2 layers e.g. on drywalls)	VIASOL EP-P285 (+10-20 % water)	0,25 +0,025 – 0,05 Water	ca. 0,2	roller
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 $< 4 \text{ \%CM}$ , 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 (sealer)	DIN 53504	ca. 7 N/mm <sup>2</sup>
	Elongation at break (sealer)	DIN 53504	ca. 90 %
	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 strength	DIN EN 13813	$\geq 4 \text{ Nm (IR4)}$
	Wear resistance (Taber)	ISO 9352, ASTM D 1044	$\leq 40 \text{ mg}$
	Adhesive strength	DIN ISO 4624	$>1,5 \text{ N/mm}^2$

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 :**