




VIASOL System Data Sheet

VIASOL *EXPRESS universal*

Fast curing epoxy coating, for light to medium chemical and high mechanical loads with a wide color spectrum.

SYSTEM BUILD-UP

-  Pigmented self-levelling coating:
VIASOL EP-C500 S
-  Primer for cementitious substrates:
VIASOL PU-S691 P
-  Substrate: Concrete, cementitious screed and other

SYSTEM THICKNESS

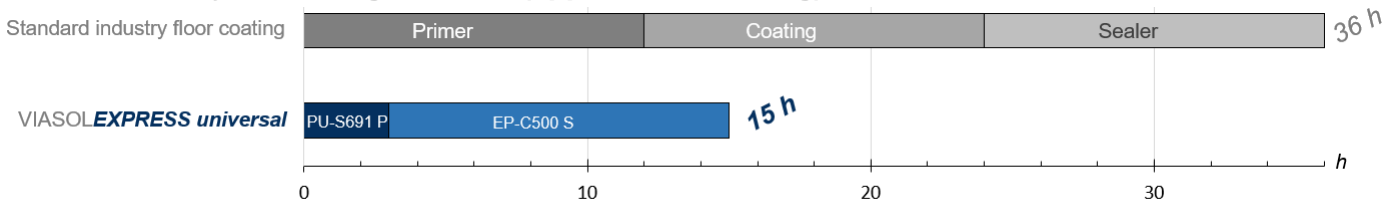
2,0 – 3,0 mm



SYSTEM TIMELINE



Duration until system being walkable (application & curing) *



SYSTEM BENEFITS

- Application and curing within one day
- Exceptional mechanical resistance
- Available in many colours
- Low odour
- Solvent-free
- Certified low flammable B_{fl}-s1
- Particularly economical coating system

APPLICATION FIELDS

- Production, storage and other usable areas without moisture impact
- Subordinate industrial areas such as technical rooms, storerooms, ...



Manufacturer:

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APPLICATION AND CONSUMPTION

Layer	Product	Consumption (kg/m ²)	Broadcasting (kg/m ²)	Thickness (mm)	Application
Pigmented self-levelling coating	VIASOL EP-C500 S	1,6 – 2,5	-	1,0 – 2,0	Notched trowel
Primer	VIASOL PU-S691 P (Optional: Filled with 20% QNV0)	0,3 – 0,5 (without filling)	0,5 – 0,8 kg/m ² QNV2-ad (0,3 – 0,8 mm)	0,2 – 0,4 (without filling)	Rubber squeegee, 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
Shore hardness	DIN EN ISO 868	After 1d: D84 After 7d: D85
Adhesive tensile strength	DIN EN ISO 4624	$> 2,5 \text{ N/mm}^2$ (concrete failure)
Impact strength	EN 13813, tested acc. EN ISO 6272-1	$\geq \text{IR4}$
Abrasion resistance (Taber)	DIN ISO 9352	$\leq 500 \text{ mg}$ (H22, 1000 cycles)
Chemical resistance	EN ISO 2812-4	Resistant against (among others): - Petrol (DIBt medium group 1) - Diesel/Heating oil (3) - Sulfuric acid 20% (10) - Detergent 50% (14)

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 user's 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: