

# VIASOL EXPRESS *universal*

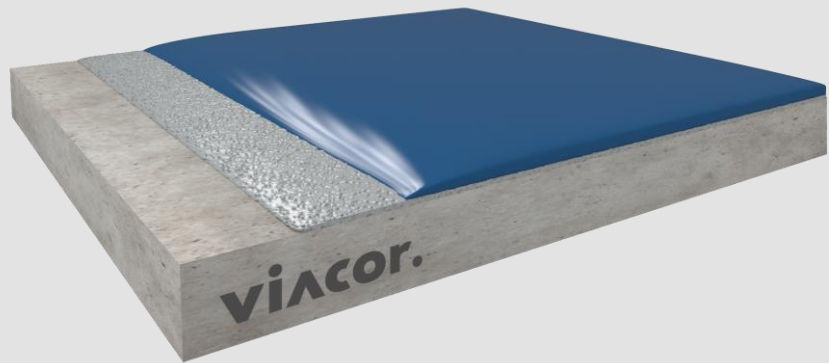
Fast curing epoxy coating, for light to medium chemical and high mechanical loads with a wide color spectrum.

## Application fields

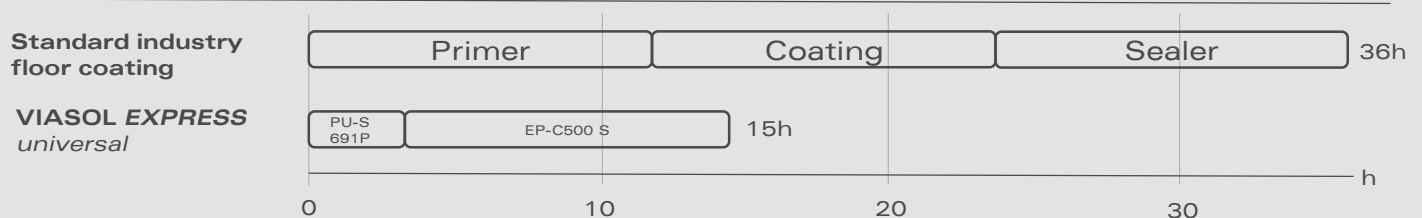
- Technical rooms
- Store rooms
- Subordinate industrial areas
- Production, storage and other usable areas

## System build-up

- VIASOL EP-C500 S  
SELF-LEVELLING COATING
- VIASOL PU-S691 P  
PRIMER



## System timeline (Assumed application conditions: 15°C, 40% rel. Humidity, 200m<sup>2</sup> area, ca.1h application per operation)



## System highlights

2,0 - 3,0 mm System thickness

- Solvent free
- Exceptional mechanical resistance
- Application and curing within one day
- Low odor
- Available in many colours
- Particularly economical coating system

## System pictures





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## Application and Consumption

Layer	Product	Consumption (kg/m <sup>2</sup> )	Broadcasting (mm)	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 <sup>2</sup> 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 $\geq 1.5$ 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
	Shore-Hardness	DIN EN ISO 868	After 1d: D84 After 7d: D85
	Adhesive tensile strength	DIN EN ISO 4624	$\geq 2,5$ N/mm <sup>2</sup> (concrete failure)
	Impact strength	EN 13813, tested acc. EN ISO 6272-1	$\geq$ IR4
	Abrasion resistance (Taber)	DIN ISO 9352	$\leq 500$ mg (H22, 1000 cycles)
	Chemical resistance	EN ISO 2812-4	Beständig u.a. gegen: - Ottokraftstoffe (DIBt-Mediengruppe 1) - Diesel/Heizöl (3) - Schwefelsäure 20% (10) - Spülmittelkonzentrat 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](http://www.viacor.de) or contact us directly) – all technical information is subject to change without prior notice.