

# VIASOL EXPRESS resist



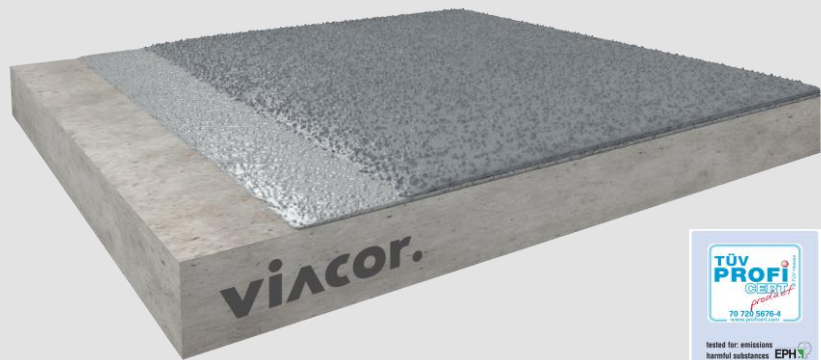
Fast and low-temperature curing, slip-resistant polyurea coating, for light to medium chemical and medium mechanical loads, with a wide color spectrum.

## Application fields

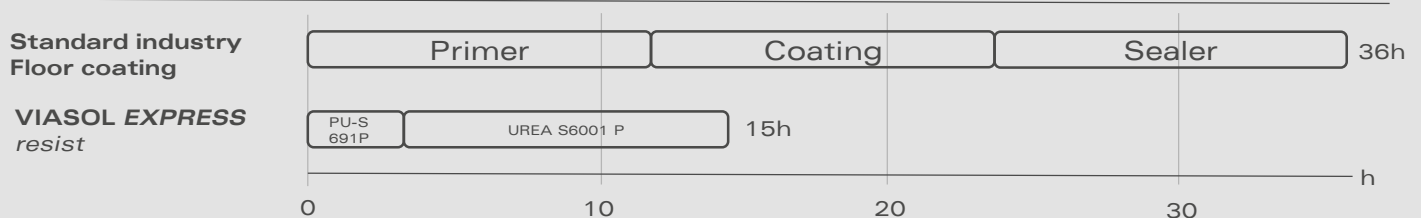
- Surfaces
- Stairways
- Arcades
- Exterior surfaces such as loading ramps
- Production, storage and other usable areas
- ramps and spindles in parking garages

## System build-up

- VIASOL UREA S6001 P**  
 WEAR COAT
- 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

1,5 - 2,5 mm System thickness

- Solvent free
- Highest abrasion resistance
- Application and curing within one day, car traffic after 2 days
- Low odor
- UV and colour stable
- Slip resistant surface R11

## System picture






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## Application and Consumption

Layer	Product	Consumption (kg/m <sup>2</sup> )	Broadcasting (mm)	Thickness (mm)	Application
Wear coat	VIASOL UREA S6001 P	2,5 – 3,0	-	1,5 – 2,5	Trowel, long handled squeegee, roller
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: D65 After 7d: D75
	Adhesive tensile strength	DIN EN ISO 4624	$\geq 2,5$ N/mm <sup>2</sup> (concrete failure)
	Impact strength	EN 13813, gemessen nach EN ISO 6272-1	$\geq$ IR4
	Abrasion resistance (Taber)	DIN ISO 9352	$\leq 700$ 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](http://www.viacor.de) or contact us directly) – all technical information is subject to change without prior notice