

VIASOL EXPRESS *aio*



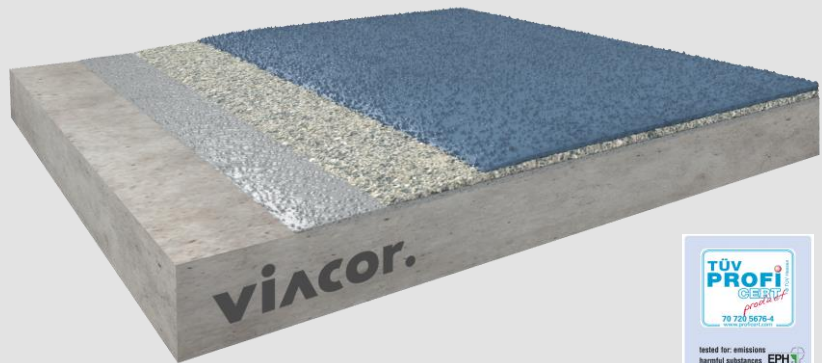
Fast- and low-temperature-curing, slip-resistant polyaspartic coating, for light to medium chemical and medium mechanical loads with a wide colour spectrum and various surface structures. All operations with the same product - all-in-one (aio)

Application fields

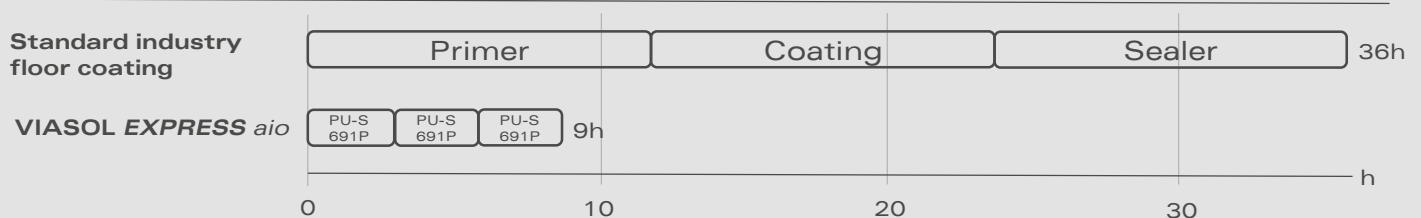
Surfaces	ramps and spindles in parking garages	Stairways	Arcades
Production, storage and other usable areas		Exterior surfaces such as loading ramps	

System build-up

VIASOL PU-S691 P PIGMENTED SEALER	
VIASOL PU-S691 P BROADCASTING LAYER	
VIASOL PU-S691 P PRIMER	



System timeline (Assumed application conditions: 15°C, 40% rel. Humidity, 200m² area, ca.1h application per operation)

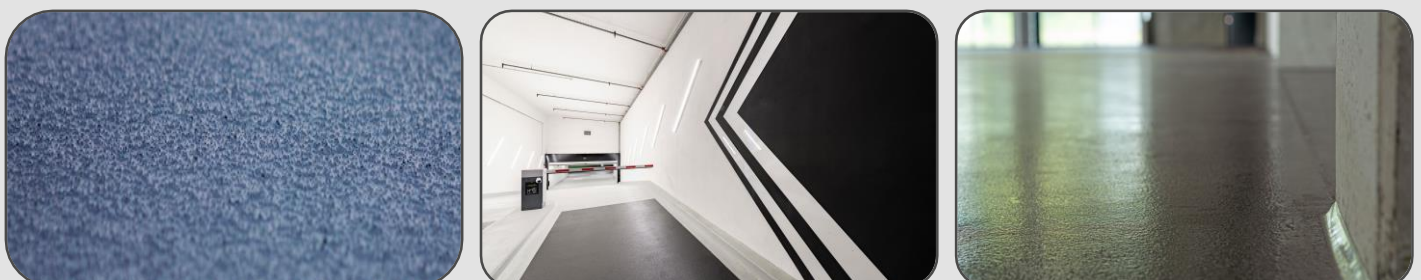


System highlights

1,0 - 2,5 mm System thickness

Available in many colours	Solvent free, low odor	Application and curing within one day
Low-temperature curing, applicable from 5°C	UV- and colour-stable	Defined slip resistance R10 - R12

System pictures





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Application and Consumption

Layer	Product	Consumption (kg/m ²)	Broadcasting (mm)	thickness (mm)	Application
Pigmented sealer	VIASOL PU-S691 P	0,5 – 1,0	none	0,35 – 0,8	Rubber squeegee, roller
Broadcasting layer with quartz QNV	VIASOL PU-S691 P	0,7 – 1,0	QNV2-ad (0,3 – 0,8 mm) or QNV3-ad (0,6 – 1,2 mm) in excess	1,0 – 1,8	Notched trowel
Primer	VIASOL PU-S691 P (Optional: Filled with 20% QNV0)	0,3 – 0,5 (without filling)	Optional QNV2-ad (0,3 – 0,8 mm) Ca. 0,8 kg/m ²	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 ≥ 1.5 N/mm ² , 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: D50 After 7d: D70
Adhesive tensile strength	DIN EN ISO 4624	$\geq 2,5$ N/mm ² (concrete failure)
Impact strength	EN 13813, tested acc. EN ISO 6272-1	\geq IR4
Abrasion resistance (Taber)	DIN ISO 9352	≤ 1400 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: