SYSTEM DATA SHEET

VIASOL *EXPRESS* protective

Fast- and low-temperature-curing, slip-resistant polyurethane / urea coating, for light to medium chemical and medium mechanical loads, with a wide colour spectrum and various surface structures.

Application fields

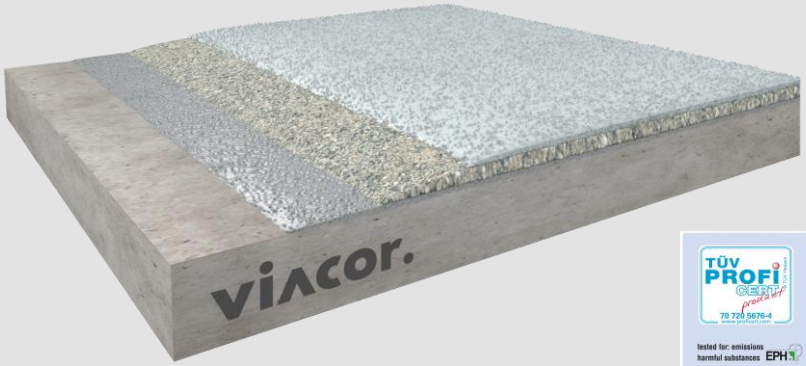
- Surfaces
- Stairways
- Arcades
- ramps and spindles in parking garages
- Production, storage and other usable areas
- Exterior surfaces such as loading ramps

System build-up

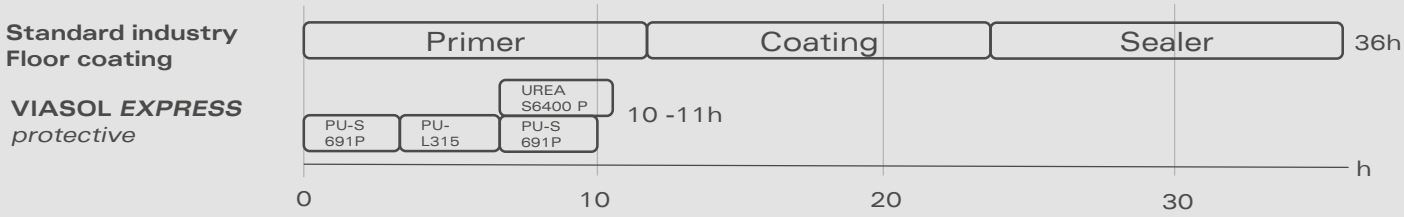
VIASOL PU-S691 P or VIASOL UREA S6400 P
PIGMENTED SEALER

VIASOL PU-L315, Quartz
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

2,0 - 4,0 mm System thickness

- Available in many colours
- Crack-bridging broadcasting layer
- Application and curing within one day
- Low-temperature curing, applicable from 10°C
- UV and colour stable
- Defined slip resistance R10 - R12

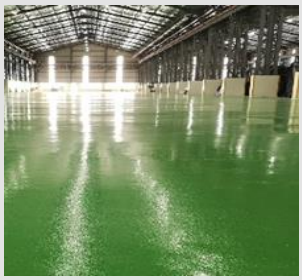
System picture

VIASOL *EXPRESS* protective

Application and Consumption

Layer	Product	Consumption (kg/m²)	Broadcasting (mm)	Thickness (mm)	Application
Pigmented Sealer	VIASOL PU-S691 P or VISOL UREA S6400 P	0,5 – 0,6	none	0,35 – 0,5	Rubber squeegee, roller
Broadcasting layer with quartz QNV	VIASOL PU-L315	0,7 – 1,5	QNV2-ad (0,3 – 0,8 mm) or QNV3-ad (0,6 – 1,2 mm) in excess	1,5 – 3,0	Notched trowel, roller
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/m²	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/mm², 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	VIASOL PU-S691 P - After 1d: D50 - After 7d: D70 VIASOL UREA S6400P - After 1d: D65 - After 7d: D75
Adhesive tensile strength	DIN EN ISO 4624	≥ 2,5 N/mm² (concrete failure)
Impact strength	EN 13813, tested acc. EN ISO 6272-1	≥ IR4
Abrasion resistance (Taber)	DIN ISO 9352	VIASOL PU-S691 P: <1400 mg VIASOL UREA S6400 P: < 1100 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.