VIASOL *DECK spray rapid*

Fast curing car park deck coating system with separate, spray applied waterproofing membrane with enhanced crack bridging properties class B4.2 and IV_{T+V} (-20°C) and "ready-to-use" wear coat. For multi storey car parks with exposed and intermediate decks as well as sidewalks on bridges with pedestrian and vehicle traffic. Waterproofing membrane acc. to RILI SIB 2001 class OS10 and DIN 18532 part 1 & 6.

Application fields

- Top and intermediate decks with car traffic
- Weather exposed car park decks
- Sidewalks on bridges

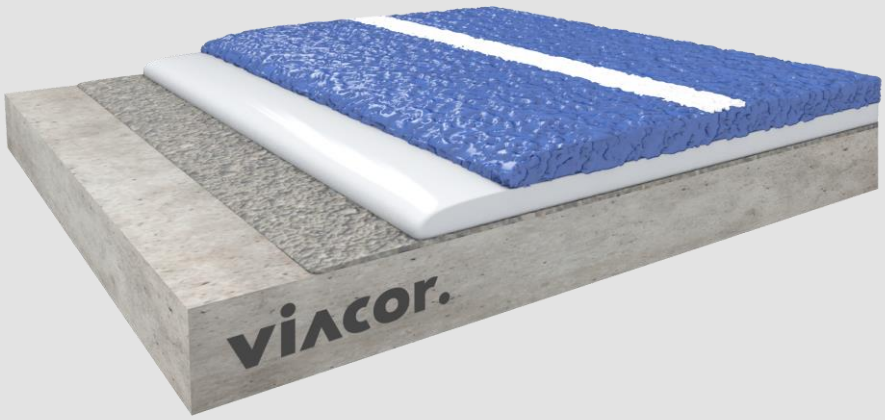
System build-up

VIASOL UREA S6400 P
LINE MARKING

VIASOL UREA S6001 P
WEAR COAT

VIASOL UREA HYBRID 21/60
WATERPROOFING MEMBRANE

VIASOL EP-T703
PRIMER

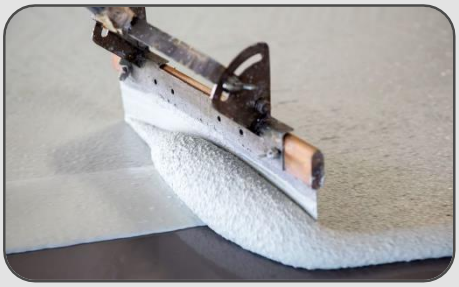


System highlights

3.5 - 4.5 mm System thickness

- **Highest abrasion resistance**
- **Good chemical resistance against gasoline, diesel, de-icing salt and others**
- **Dynamic crack bridging class B4.2, IV_{T+V} at -20°C**
- **Seamless**
- **Slip resistant surface for car and pedestrian traffic: R11, V10**
- **UV and colour tone stable**
- **Fast and low temperature curing**
- **Highest wear resistance acc. to Parking Abrasion Test and others**
- **Available in many colours**

System pictures



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Application and Consumption

Layer	Product	Consumption (kg/m²)	Sand broadcasting (kg/m²)	Thickness (mm)	Application
„Ready-to-use" wear coat, fast curing	VIASOL UREA S6001 P	2.0 – 2.7	none	1.5 – 2.0	trowel, long- handled squeegee, roller
Optional: Adhesion promoter	VIASOL PU-P2250 *or* VIASOL PU-P255	0.05 – 0.12	none	-	roller or spray application
Highly elastic waterproofing membrane, spray-applied	VIASEAL UREA HYBRID 21/60	2.1 – 2.4 + Overspray[1]	none	ca. 2.0	2C high pressure spray equipment
Primer	VIASOL EP-T703	0.3 – 0.5	QS (0.3-0.8 mm) ca. 0.5 – 0.8	ca. 0.3	roller or rubber squeegee
Alternative: fast-curing	VIASOL EP-T703 S				
Alternative: pre-filled	VIASOL EP-P203 *or* VIASOL EP-P210				
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. [1] Creation of a dimpled structure on the surface by applying a light spray mist to finish the spray application				

Technical Data

Property	Standard	Result
Adhesive strength at T_{norm}	DIN EN 1542	> 2.5 N/mm²
Adhesive strength after freeze-thaw with de-icing salt	DIN EN 13687-1 and -2	> 1.5 N/mm²
Dynamic crack bridging (-20°C)	DIN EN 1062-7	B4.2, IV_{T+V}
Grip and slip resistance	DIN EN 13036-4 DIN 51130	≥ 55 Skt R11, V10
Chemical resistance	DIN EN 13529	Test liquids DiBT Nr. 1, 3, 10
Abrasion resistance (H22 wheel, 1000 cycles)	DIN ISO 9352, ASTM D 1044	< 700 mg
Parking Abrasion Test (PAT) with 500 kg load		VK 1 – Very low wear after 20.000 cycles
Double stroke test	DIN EN 660-1:06	Loss of mass 0.0 g
Impact resistance	DIN EN ISO 6772-2	≥ 4 Nm – no cracks

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