SYSTEM DATA SHEET

VIASOL *DECK M EP*

(Formerly: VIASOL *DECK rapid M V2/V3*)

Fast curing car park deck coating system with separate, manually applied waterproofing membrane and wear coat with enhanced crack bridging properties class B 4.2 and IV_{T+V} (-20°C) for multi storey car parks for exposed and intermediate decks and sidewalks on bridges with pedestrian and vehicle traffic. According to: : RILI SIB 2001, class OS10 and DIN 18532 Part 1 and 6.

Application fields

- Exposed car park decks and covered intermediate decks
- Ramps
- Roof decks with car traffic
- Sidewalks on bridges

System Build-up

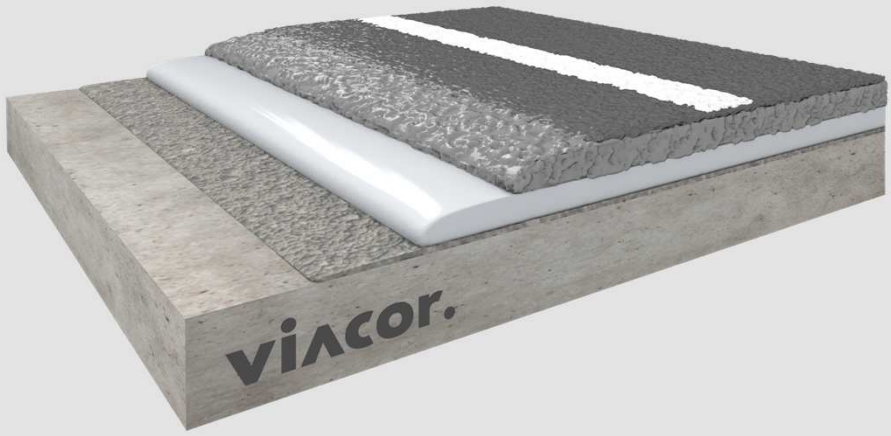
LINE MARKING
E.G. PU OR ACRYL

VIASOL EP-S602
SEALER

VIASOL PU-L315 (L) broadcasted w/ quartz
WEAR COAT

VIASOL PU-L2000
WATERPRROFING MEMBRANE

VIASOL EP-P203
PRIMER

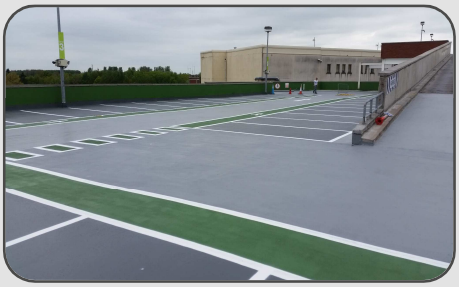


System highlights

4,5 - 6 mm System thickness

- **High dynamic crack bridging class B4.2, IV_{T+V} at -20°C**
- **Seamless application**
- **Slip resistant surface R11, R12 or R13**
- **High abrasion resistance**
- **Chemical resistance against gasoline and others**
- **Fast and low temperature curing**

System pictures



VIASOL *DECK M EP*

Application and Consumption

Layer	Product	Consumption (kg/m²)	Broadcasting (mm)	Thickness (mm)	Application
Sealer	VIASOL EP-S602	0,6 – 0,9	keine	0,5	Rubber squeegee, roller
Wear coat, fast curing	VIASOL PU-L315 (L)	1,2 – 1,3	QS (0,3-0,8 oder 0,6-1,2 mm) oder Hartkorn (1-2 mm) im Überschuss	ca. 3,0	trowel, long-handled squeegee, roller
Highly elastic water proofing membrane, manually applied	VIASOL PU-L2000	3,0 – 3,2	keine	ca. 2,0	notched trowel
Primer, filled	VIASOL EP-P203	0,3 – 0,5	QS (0,3-0,8 mm) ca. 0,5 – 0,8	ca. 0,3	roller or rubber squeegee
Alternative: filled	VIASOL EP-P210				
Alternative: Unfilled	VIASOL EP-T703				
Alternative: fast curing	VIASOL EP-T703 S				
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
Adhesive strength at T_{NORM}	DIN EN 1542	> 4,0 N/mm²
Adhesive strength after freeze-thaw with de-icing salt	DIN EN 13687-1 and -2	≥ 2,3 N/mm²
Dynamic crack bridging (-20°C)	DIN EN 1062-7	B4.2, IV_{T+V}
Grip and slip resistant	DIN EN 13036-4 DIN 51130	≥ 55 Skt R11 V4, R12 V6 oder R13 V10
Chemical resistance	DIN EN 13529	Test liquids DiBT Nr. 1, 3, 10
Abrasion resistance (H22 wheel)	DIN ISO 9352, ASTM D 1044	< 1500 mg /1000 U
Impact resistance	DIN EN ISO 6772-2	4 Nm – no cracks
Fire classification	DIN EN 13501-1	B_{fl}-s1

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:
VIACOR Polymer GmbH | Graf-Bentzel-Str.78 | 72108 Rottenburg | Germany | Tel: +49 7472 94999-0 | info@viacor.de | www.viacor.de