

# VIASOL DECK rapid M (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<sub>T+V</sub> (-20°C) for multi storey car parks for exposed and intermediate decks and sidewalks on bridges with pedestrian and vehicle traffic.

## Applicaton fields

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

## System Build-up

- LINE MARKING**

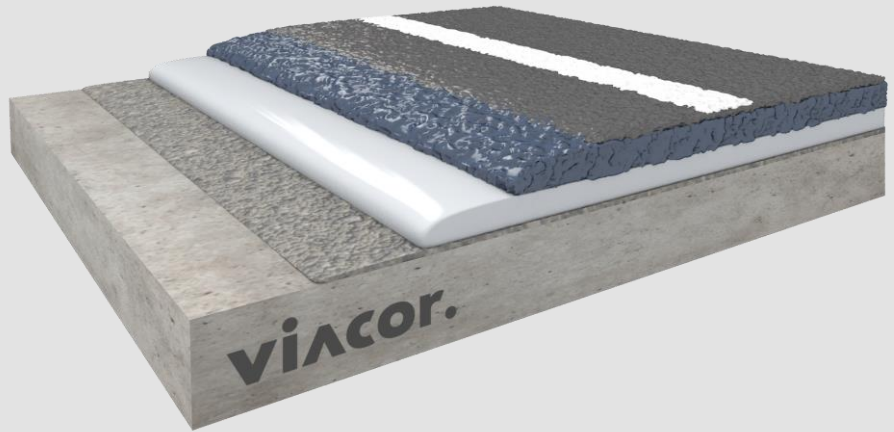
E.G. PU OR ACRYL
- VIASOL UREA S6400 P**

SEALER
- VIASOL PU-L315 (L)**  
broadcasted w/ hard grain

WEAR COAT
- VIASOL PU-L2000**

WATERPROOFING MEMBRANE
- VIASOL EP-T703**

PRIMER



## System highlights

4,5 - 6 mm System thickness

- High dynamic crack bridging class B4.2, IV<sub>T+V</sub> at -20°C**
- Seamless application**
- Slip resistant surface R13 V10**
- High abrasion resistance**
- Chemical resistance against gasoline and others**
- Fast and low temperature curing**

## System pictures



# VIASOL DECK rapid M (V3)

## Application and Consumption

Layer	Product	Consumption (kg/m <sup>2</sup> )	Broadcasting (mm)	Thickness (mm)	Application
Sealer, UV-resistant	VIASOL UREA S6400 P	0,8 – 1,2	none	0,5	rubber squeegee, roller
(Alternative) Sealer	VIASOL EP-S602				
Wear coat, fast curing	VIASOL PU-L315 (L)	1,3 – 1,8	Hard gain 1 – 2 (e.g. corundum)	1,5 – 2,0	trowel, long-handled squeegee, roller
Highly elastic water proofing manually applied membrane	VIASOL PU-L2000	3,0 – 3,2	none	ca. 2,0	notched trowel
Primer	VIASOL EP-T703	0,3 – 0,5	QS 0,3 – 0,8	ca. 0,3	roller or rubber squeegee
(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 $\geq 1.5 \text{ N/mm}^2$ , residual moisture content $< 4 \text{ \%CM}$ , 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 $T_{\text{NORM}}$	DIN EN 1542	$\geq 2,7 \text{ N/mm}^2$
Adhesive strength after freeze-thaw with de-icing salt	DIN EN 13687-1 and -2	$1,6 \text{ N/mm}^2$
Dynamic crack bridging (-20°C)	DIN EN 1062-7	B4.2, IV <sub>T+V</sub>
Grip and slip resistant	DIN EN 13036-4 DIN 51130	$\geq 55 \text{ Skt}$ R13-V10
Chemical resistance	DIN EN 13529	Test liquids DiBT Nr. 1, 3, 10
Abrasion resistance (H22 wheel)	DIN ISO 9352, ASTM D 1044	$< 1800 \text{ mg /1000 U}$
Carbon dioxide permeability	DIN EN 1062-6	Class III $> 2.500 \text{ m}$
Water vapour permeability	DIN EN ISO 7783-1 and -2	Class III $> 200 \text{ m}$
Water absorption coefficient	DIN EN 1062-3	$< 0,01 \text{ kg/m}^2 \times \text{h}^{0,5}$
Impact resistance	DIN EN ISO 6772-2	4 Nm – no cracks
Fire classification	DIN EN 13501-1	B <sub>fl-s1</sub>

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

### Manufacturer: