



# VIASOL DECK rapid M (V1)

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 (-20°C). For multi storey car parks with exposed and intermediate decks as well as sidewalks on bridges with pedestrian and vehicle traffic. According to 1) DIN EN 1504-2 and DIN V 18026; 2) RILI SIB 2001 class OS10; 3) DIN 183532 part 1 & 6

## Application fields

Exposed car park decks and covered intermediate decks

Sidewalks on bridges

Roof decks with car traffic

## System Build-up

### LINE MARKING

E.G. PU OR ACRYL



### VIASOL UREA S6001 P

WEAR COAT



### VIASOL PU-2000

WATERPROOFING MEMBRANE



### VIASOL EP-T703

PRIMER



## System highlights

< 4,0 mm System thickness



Highest abrasion resistance



Good chemical resistance against gasoline and others



Dynamic crack bridging class B4,2, IV<sub>T+V</sub> at -20°C



Seamless application



Slip resistant surface for car and pedestrian traffic: R11, V10



No plasticizers acc. Vdl-Guideline 01

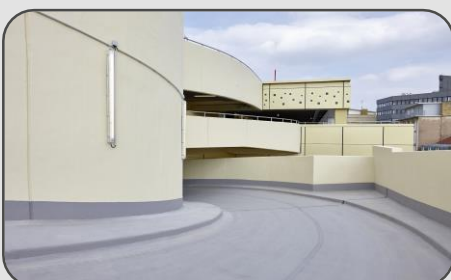


Fast and low temperature curing



Highest wear resistance acc. to PAT test and others

## System pictures





# VIASOL *DECK rapid M (V1)*

## Application and Consumption

Layer	Product	Consumption (kg/m <sup>2</sup> )	Sand broadcasting (mm)	Thickness (mm)	Application
Wear coat, fast curing	VIASOL UREA S6001 P	2,5 – 3,0	none	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 TNORM	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	$\geq 55 \text{ Skt}$ R11, V10
Chemical resistance	DIN EN 13529	Test liquids DiBT Nr. 1, 3, 10
Abrasion resistance (H22 wheel)	DIN ISO 9352, ASTM D 1044	$< 700 \text{ mg} / 1000 \text{ U}$
Parking Abrasion Test (PAT)		VK 1 – Very low wear after 15.000 cycles
Doppelhubtest	DIN EN 660-1:06	Loss of mass 0,0 g
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</sub> -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](http://www.viacor.de) or contact us directly) – all technical information is subject to change without prior notice

**Manufacturer:**