

## VIASOL system data sheet


### VIASOL **DECK OS8<sup>VM</sup>** (formerly known as VIASOLPROTECTIVE OS8)

Green Label certified, epoxy resin based parking deck system with pedestrian and vehicle traffic and for slip resistant industrial floors with medium to heavy load. According to DIN1504-2 and DIN V 18026, class OS8.

#### SYSTEM BUILD-UP

Optional: UV seal coat:  
VIASOL PU-S650<sup>VM</sup> or PU-S6501P<sup>VM</sup>

 Top coat:  
VIASOL EP-S600<sup>VM</sup>

 Primer:  
VIASOL EP-T703<sup>VM</sup> or EP-P210<sup>VM</sup>  
broadcast with QS 0.3-0.8 mm

 Substrate:  
Concrete, cementitious screed, and others

#### SYSTEM THICKNESS min. 0.5 – 2.5 mm



032-152-3475  
Environmentally  
Preferred Coating

#### SYSTEM HIGHLIGHTS

- Economic system built-up
- Green Label certified by Singapore Environmental Council (SEC)
- Excellent resistance to petrol, diesel and oil
- In accordance to DIN EN 1504-2 and DIN V18026, class OS 8

#### APPLICATION FIELDS

- Vehicle traffic decks
- Ramps and spirals
- Service workshops
- Slip resistant industrial floors
- Walkways and pedestal



#### SYSTEM BENEFITS

- Economic coating system for car park deck
- Seamless application for reliable waterproofing
- High wear and abrasion resistance
- Good chemical resistance (oil, petrol, diesel)
- Slip resistant surface for car traffic and pedestrian traffic
- Low VOC
- Easy to maintain
- Available in many colours
- Fire resistance class B<sub>fl-S1</sub>

#### Manufacturer:

VIACOR Asia Sdn Bhd., No. 5 Jalan Sungai Terap 32/182, Bukit Rimau Industrial Park, 40460 Shah Alam, Selangor Darul Ehsan, Malaysia, tel: +603 5131 7777, fax: +603 5131 7878, email: [info@viacor.asia](mailto:info@viacor.asia), [www.viacor.asia](http://www.viacor.asia) – A division of VIACOR Polymer GmbH Germany

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## SUBSTRATE REQUIREMENT

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 slab 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	$\geq 2.5 \text{ N/mm}^2$ ( $\geq 1.5 \text{ N/mm}^2$ )
Grip and slip resistant if broadcasted	DIN EN 13036-4 DIN 51130	60 Skt ( $\geq 55 \text{ Skt}$ ) R11-V4 and R12-V6
Chemical resistance	DIN EN 13529	Test liquids DiBT no. 1, 3, 10
Abrasion resistance (H22 wheel)	DIN EN ISO 5470-1	1.903 mg /1000 U ( $\leq 3.000$ )
Water vapour permeability	DIN EN ISO 7783-1 and -2	class III > 200 m (> 50 m)
Water absorption coefficient	DIN EN 1062-3	$< 0,01 \text{ kg/m}^2 \times \text{h}^{0.5}$ ( $< 0,1$ )
Carbon dioxide permeability	EN 1062-6	class III > 2.500 m (> 50 m)
Impact resistance	DIN EN ISO 6272-1	4 Nm – no cracks
Fire behaviour class system	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 users responsibility to obtain the most recent issue (see [www.viacor.asia](http://www.viacor.asia) or contact us directly)– all technical information is subject to change without prior notice  
VIACOR products are guaranteed against defective material and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies which can be obtained on request.

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