

# VIASOL PERM protective FF



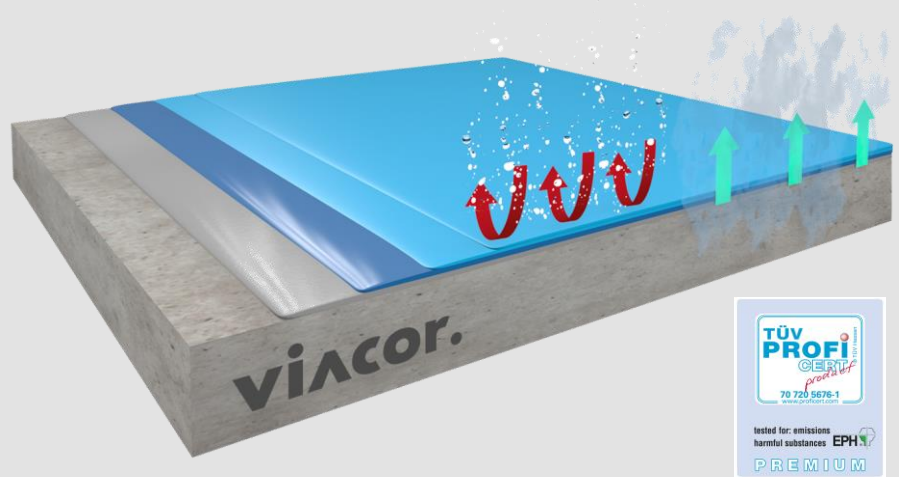
Water-vapour permeable epoxy resin based coating system, low odour, low emission, water-proof surface with good mechanical and chemical properties for minor loads and a wide colour spectrum.

### Application fields

- Public buildings
- Technical rooms
- Garages
- Production areas
- Storage rooms
- Cellars
- Walls
- Areas with moisture sensitive substrates

### System Build-up

- VIASOL EP-S680<sup>FF</sup> or other  
2nd SEALER
- VIASOL EP-S680<sup>FF</sup> or other  
1st SEALER
- VIASOL EP-P285<sup>FF</sup>  
SCRATCH COAT
- VIASOL EP-P285<sup>FF</sup>  
PRIMER

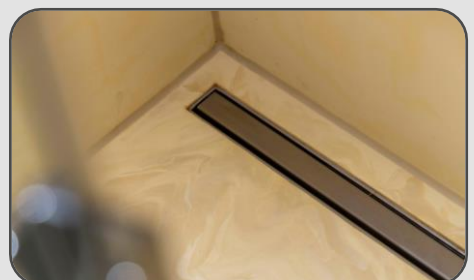


### System highlights

0,2 - 0,6 mm System thickness

- Highly water vapour permeable
- Seamless
- Impermeable to liquids
- Low emission after AgBB standards
- Low odor
- Good abrasion resistance
- Good impact resistance
- Good chemical resistance
- B<sub>fl-s1</sub> after EN 13501

### System pictures



VIASOL *PERM* protective **FF**

## Application and Consumption

**SUBSTRATE REQUIREMENT**

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 $\geq 1.5 \text{ N/mm}^2$ , this system is water vapour permeable, max. residual moisture $< 6 - 8\% \text{ CM}$ , for magnesite screed $< 10\% \text{ CM}$ , anhydrite max. $1\% \text{ residual moisture}$ , attention for underfloor-heating $< 0.3\% \text{ CM}$ , with higher residual moisture and on substrates with moisture from the backside special measures must be taken or a damp proof membrane should 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
	Compressive strength	EN 196 / ASTM C109	ca. $55 \text{ N/mm}^2$
	Flexural strength	EN 196 / ASTM C109	ca. $16 \text{ N/mm}^2$
	E-Modulus	DIN 53504	ca. $7000 \text{ N/mm}^2$
	Shore-Hardness	DIN EN 868	D80 after 28 d
	Water-vapour permeability	DIN 5261523/50-95	$\mu = 4000$
	Adhesive strength	EN ISO 4624	$> 2,5 \text{ N/mm}^2$ (concrete failure)
	Impact strength	EN 13813	$\geq 4 \text{ Nm (IR4)}$
	Wear resistance (Taber)	EN ISO 5470-1	$\leq 80 \text{ mg}$
	Low emission	AgBB and M1	Fulfilled after 3 days
	Fire Resistance	EN 13501-1	Bfl-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 FLOORFINDER data sheets are updated on a regular basis it is the user's responsibility to obtain the most recent issue (see [www.floorfinder.com.my](http://www.floorfinder.com.my) or contact us directly) – all technical information is subject to change without prior notice. FLOORFINDER 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.

**Manufacturer:**

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