

VIACRETE HF high temp ^{FF}



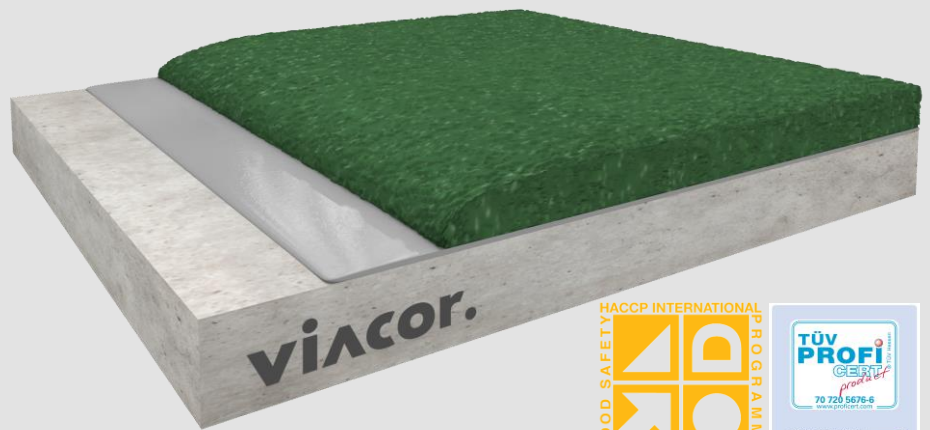
Mechanically and chemically highly resistant polyurethane concrete as a mortar coating with very high resistance to thermal shock, low odor and low emissions, solvent-free, with jointless, matt and non-slip surface. Available in different colours.

Application fields

- Dairies and cheese production
- Food and beverage industry
- Commercial kitchens
- Chemical production sites
- Meat, poultry and fish production
- Catering
- Warehouses and distribution centers
- Refrigerated and freezer rooms
- Wet production and working areas

System build-up

- VIACRETE PU-HF ^{FF}
PU-MORTAR
- VIACRETE PU-MF ^{FF}
SCRATCH COAT



System highlights

6.0 - 12.0 mm System thickness

- HACCP-certified**
- Suitable for permanent wet load**
- High impact resistance**
- ISEGA certified for food handling**
- Thermal shock resistant between -45°C and +120°C**
- Early water resistant**
- Low emission acc. AgBB and other standards**
- Low odor**
- Anti-slip surface R10**

System pictures



VIACRETE HF high temp 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 ≥ 1.5 N/mm ² . VIACRETE can be laid on 7-day old concrete (this to a residual moisture content of approx. 6-8% (CM)) or on 2 - 3 days old polymer-modified cement screed. For permanent rising water, please contact our technical service. 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
	Slip resistance	DIN 51130	R10
	Shore hardness	EN ISO 868	D 84 after 28 days
	Impact resistance	EN 13813	≥ 4 Nm (IR4)
	Temperature resistance		- 15°C - + 100°C (6 mm) - 25°C - + 120°C (9 mm) - 45°C - + 120°C (12 mm)
	Coefficient of thermal expansion	ASTM C531	$5.8 \times 10^{-5}/^{\circ}\text{C}$
	Wear resistance (Taber)	EN ISO 5470-1	≤ 25 mg
	Compressive strength	EN 196 / ASTM C109	approx. 58 N/mm ²
	Flexural strength	EN 196 / ASTM C109	approx. 15 N/mm ²
	Tensile strength	EN 196 / ASTM C109	approx. 10 N/mm ²
	Adhesive strength	EN ISO 4624	min. 1.5 N/mm ² (depending on substrate)
	Bacterial cleanability	Campdon Test TES-MB 216	Good cleanability
	Fire behaviour	EN 13501-1	B ₁ -s1
	Anti-microbial	Japanese Industrial Standard JIS Z 2810:2000	After 60 wash cycles 99.9% microbial growth reduction

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 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:

FLOORFINDER ASIA SDN. BHD. – A division of VIACOR Polimer GmbH | No. 28, Lorong Sungai Puloh 1A/KU6 | Jalan Sungai Puloh | Batu 5 3/4 Kapar | 42100 Klang | Selangor Darul Ehsan | Malaysia | Tel: +603 3290 7644 | info@floorfinder.com.my | www.floorfinder.com.my
Seite 2/2 Version Nr. 2 Stand: 07-2022