

VIACRETE UD heavy duty FF



Heavy duty, 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

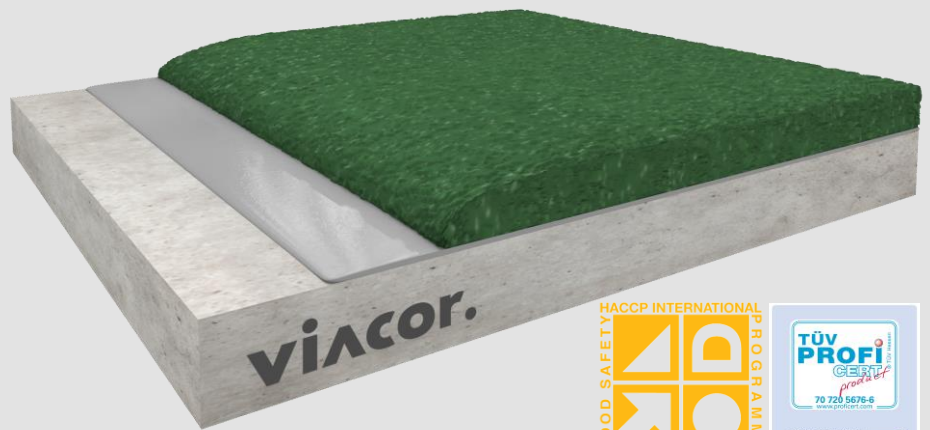
VIACRETE PU-UD^{FF}

PU-MORTAR



VIACRETE PU-MF^{FF}

SCRATCH COAT



System highlights

6.0 – 9.0 mm System thickness



HACCP-certified



Suitable for permanent wet load



High impact resistance



ISEGA certified for food handling



Thermal shock resistant between - 25°C and + 120°C



Early water resistant



Low emission acc. AgBB and other standards

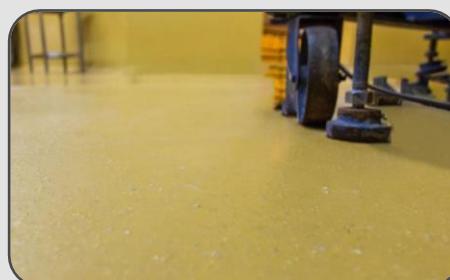


Low odor



Anti-slip surface R10

System pictures



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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 $\geq 1.5 \text{ N/mm}^2$. 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 80 after 28 days |
| Impact resistance | EN 13813 | $\geq 4 \text{ Nm}$ (IR4) |
| Temperature resistance | | - 15°C - + 100°C (6 mm) - 25°C - + 120°C (9 mm) |
| Coefficient of thermal expansion | ASTM C531 | $5.8 \times 10^{-5}/\text{°C}$ |
| Wear resistance (Taber) | EN ISO 5470-1 | $\leq 25 \text{ mg}$ |
| Compressive strength | EN 196 / ASTM C109 | approx. 58 N/mm^2 |
| Flexural strength | EN 196 / ASTM C109 | approx. 20 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 _{fl} -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: