

FLOORCRETE

MF standard UV

Medium duty, self-levelling, seamless polyurethane concrete flooring system, excellent mechanical and chemical resistance, high thermal shock resistance, odourless, solvent free, UV- and color stable. Wide spectrum of colours available.

Application Fields

Food and beverage production facilities

Dairy production

Commercial kitchens

Foodstuff preparation

Dry or moderate wet processing zones

Poultry and meat processing

Warehouse and distribution centres

Exposed Area

SYSTEM BUILD UP

FLOORCRETE

PU-MF

WEAR COAT



FLOORCRETE

PU-SC

SCRATCH COAT



FLOORCRETE

PU-S6005P ab

UV SEAL COAT



SYSTEM HIGHLIGHTS

3.0 – 6.0 mm System thickness



HACCP International certified



UV and colour stable



Low emission acc. AgBB and other standards



Anti-microbial



Early water resistant



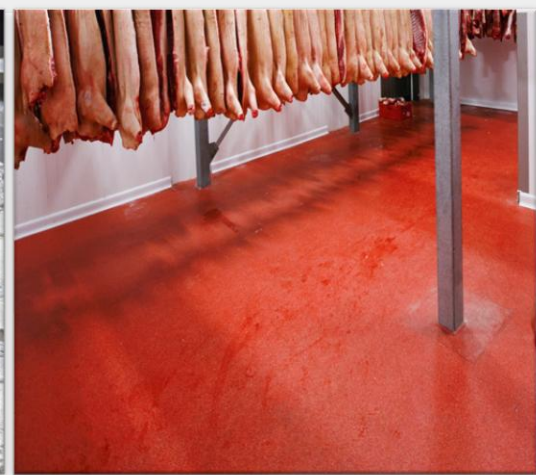
High thermal shock resistance



Slight Slip Resistant R9



Low odor



FLOORCRETE *MF standard UV*

Application and Consumption

| Layer | Product | Consumption (kg/m ²) | Sand broadcasting (kg/m ²) | Thickness (mm) | Application |
|---|---|----------------------------------|--|----------------|-------------------------------|
| UV seal coat | FLOORFINDER PU-S6005P ab | 0.10 – 0.13 (Min. 2 coats) | none | 0.05 – 0.10 | Rubber squeegee, paint roller |
| Wear coat, broadcasted with quartz sand | FLOORCRETE PU-MF | 3.8 – 7.6 | QS (0.3-0.8 or 0.6-1.2 mm) In excess | 3.5 – 5.5 | Pin rake, notched rake |
| Optional: Self-levelling layer | FLOORCRETE PU-MF | 3.8 – 7.6 | none | 2.0 – 4.0 | Squeegee, notched rake |
| Primer | FLOORCRETE PU-SC or others | ca. 0.8 – 1.0 | Optional: QS (0.3-0.8 mm) ca. 0.5 – 0.8 | ca. 0.5 | Trowel, rubber squeegee |
| 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 . FLOORCRETE 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 FLOORFINDER 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 | TRRL pendulum slip test DIN 51130 | dry > 70, wet > 21 R9 |
| Shore hardness | EN ISO 868 | D 80 after 28 d |
| Impact resistance | EN 13813 | ≥ 4 Nm (IR4) |
| Temperature resistance | | - 5 °C - + 70°C (3-4 mm) -10°C - + 90°C (5-6 mm) |
| Coefficient of thermal expansion | ASTM C531 | $5.8 \times 10^{-5}/^{\circ}\text{C}$ |
| Anti-microbial | Japanese Industrial Standard JIS Z 2810:2000 | After 60 wash cycles 99.9% microbial growth reduction |
| Low emission | ISO 16000-3, 6, 9 and EN 16516 | fulfilled |
| Wear resistance (Taber) | EN ISO 5470-1 | ≤ 25 mg |
| Compressive strength | EN 196 / ASTM C109 | ca. 50 N/mm ² |
| Flexural strength | EN 196 / ASTM C109 | ca. 20 N/mm ² |
| Tensile strength | EN 196 / ASTM C109 | ca. 10 N/mm ² |
| Adhesive strength | EN ISO 4624 | min. 1.5 N/mm ² (depending on substrate quality) |
| Fire behaviour | EN 13501-1 | B _{f1} -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 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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