

## FLOORCRETE

### MF standard UV<sup>FF</sup>

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<sup>FF</sup>

WEAR COAT



#### FLOORCRETE

PU-SC<sup>FF</sup>

SCRATCH COAT



#### FLOORCRETE

PU-S6005P ab<sup>FF</sup>

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 SR<sup>FF</sup>*

### Application and Consumption

Layer	Product	Consumption (kg/m <sup>2</sup> )	Sand broadcasting (kg/m <sup>2</sup> )	Thickness (mm)	Application
UV seal coat	FLOORFINDER PU-S6005P ab <sup>FF</sup>	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 <sup>FF</sup>	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 <sup>FF</sup>	3.8 – 7.6	none	2.0 – 4.0	Squeegee, notched rake
Primer	FLOORCRETE PU-SC <sup>FF</sup> 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 $\geq 1.5$ N/mm <sup>2</sup> . 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	$\geq 4$ 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	$\leq 25$ mg
Compressive strength	EN 196 / ASTM C109	ca. 50 N/mm <sup>2</sup>
Flexural strength	EN 196 / ASTM C109	ca. 20 N/mm <sup>2</sup>
Tensile strength	EN 196 / ASTM C109	ca. 10 N/mm <sup>2</sup>
Adhesive strength	EN ISO 4624	min. 1.5 N/mm <sup>2</sup> (depending on substrate quality)
Fire behaviour	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 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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