

FLOORCRETE *MF standard SR^{FF}*

High grade slip resistance, seamless, odourless, solvent free polyurethane concrete flooring system with excellent chemical and thermal resistance, solvent-free, textured matt finish in different colours.

Application Fields

Wet processing zones

Dairy production

Commercial kitchens

Foodstuff preparation

Beverage production

Poultry and meat processing

Fisheries and seafood processing

Production

SYSTEM BUILD UP



FLOORCRETE

PU-ME^{FF}

WEAR
COAT



FLOORCRETE

PU-SC^{FF}

SCRATCH
COAT



FLOORCRETE

PU-TC^{FF}

SEALER



SYSTEM HIGHLIGHTS

4.0 – 6.0 mm System thickness



HACCP
International
certified



Optional UV
Resistant



Low emission
acc. AgBB and
other
standards



Anti-microbial



Early water
resistant



High thermal
shock resistance



Slip Resistant
R10-R13



Low odor



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Application and Consumption

Layer	Product	Consumption (kg/m ²)	Sand broadcasting (kg/m ²)	Thickness (mm)	Application
Sealer	FLOORRETE PU-TC ^{FF}	0.5 – 1.0	none	0.3 – 0.7	Rubber squeegee, paint roller
Wear coat, broadcasted with quartz sand	FLOORCRETE PU-MF ^{FF}	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 ^{FF}	3.8 – 7.6	none	2.0 – 4.0	Squeegee, notched rake
Primer	FLOORCRETE PU-SC ^{FF} 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 QS 0.4-0.8mm QS 0.7-1.2mm QS 0.4-0.8mm QS 0.7-1.2mm	TRRL Pendulum test DIN 51130	dry > 100, wet > 25 dry > 100, wet > 41 R10, R11-V4 R12-V4, R12-V6
Shore Hardness	EN ISO 868	D 75 after 28 d
Impact resistance	EN 13813	≥ 4 Nm (IR4)
Temperature resistance		- 5 °C - + 70°C (3-4 mm) -15°C - + 90°C (5-6 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	ca. 45 - 49 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)
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:

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