

DIAMONDCRETE MF standard



Medium duty, self-levelling, seamless polyurethane concrete flooring system, excellent mechanical and chemical resistance, high thermal shock resistance, odourless, solvent free

Application fields

Food & beverage production facilities

Dry or moderate wet processing zones

Warehouse & distribution centres

Foodstuff preparation

Dairy production

Chemical industry

System build-up

DIAMONDCRETE PU-MF

PU CONCRETE

DIAMONDCRETE PU-SC

PRIMER



System highlights









Low flammable B_{fl}-s1



High thermal shock resistance



Low odor

3.0 - 6.0 mm System thickness



High chemical resistance



Slight slip resistance



Easy to clean

System pictures









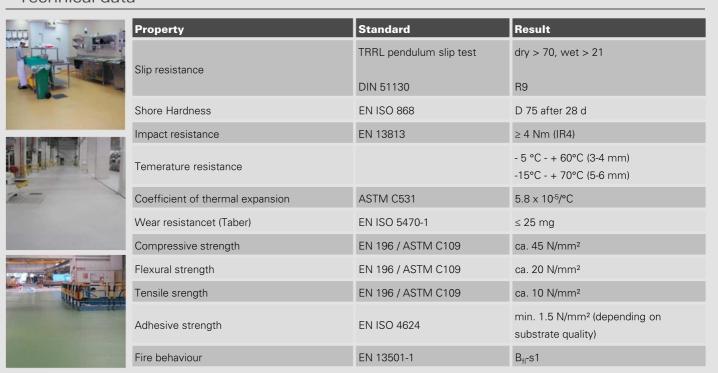


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Application and Consumption

Layer	Product	Consumption (kg/m²)	Sand broadcasting (kg/m²)	Thickness (mm)	Application
PU-concrete, self-levelling	DIAMONDCRETE PU-MF	5.5 – 7.6	none	3.0 – 4.0	Pin rake or notched trowel, spike roller
Optional: Levelling layer	DIAMONDCRETE PU-SC	ca. 1.65 per mm	none	1.5 – 2.0	Squeegee, trowel
Primer	DIAMONDCRETE PU-SC or others	ca. 0.8 – 1.0	Optional: QS (0.3-0.8 mm) ca. 0.5 – 0.8	ca. 0.5	Rubber squeegee, roller
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/mm². DIAMONDCRETE 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 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



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 DIAMONDCRETE data sheets are updated on a regular basis it is the users responsibility to obtain the most recent issue by contacting DIAMONDCRETE. All technical information is subject to change without prior notice.

DIAMONDCRETE 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.