

SYSTEM PROPERTIES

MF

EN 14904 Class	MF 5+2	MF 7+2
NOC*NSF Class	-	P1
Nominal thickness	-	3
Vertical deformation [EN 14809]	7 mm	9 mm
Shock absorption [EN 14808]	0,4 mm	1,2 mm
Vertical ball behaviour [EN 12235]	15%	25%
Thermal resistance: Rc-value	97%	95%
U-value	0,035 m².K/W	0,045 m².K/W
	28,6 W/m².K	22,2 W/m².K

EN 14904 Class	MF 9+2 Class 2	MF 9+2 Class 3	MF 12+3
NOC*NSF Class	P1	P1	P2
Nominal thickness	2	3	2
Vertical deformation [EN 14809]	11 mm	11 mm	15 mm
Shock absorption [EN 14808]	1,3 mm	1,2 mm	1,5 mm
Vertical ball behaviour [EN 12235]	32%	29%	39%
Energy restitution [EN 14808]	96%	98%	97,4%
Thermal resistance: Rc-value	66%	68%	60%
U-value	0,055 m².K/W	0,055 m².K/W	0,075 m².K/W
	18,2 W/m².K	18,2 W/m².K	13,3 W/m².K

GENERAL SYSTEM PROPERTIES

Technical properties

Friction dry	80-110	[EN 13036-4]
Specular gloss	< 2%	[EN ISO 2813]
Shore hardness	~ 80 Shore A	[EN 53505]
Surface texture	Fine, closed	
Impact resistance	≥ 800 gr @ 10°C	[EN 1517]
	≥ 1000 gr @ 17°C	
	≥ 1200 gr @ 17°C	
Resistance to a rolling load (1500 N)	≤ 0,5 mm	[EN 1569]
Resistance to indentation	≤ 0,5 mm @ 24 hours	[EN 1516]
Resistance to wear	48 mg/1000 H18	[EN ISO 5470-1]
Fire behaviour	Bfl-S1	[EN 13501]

Toplayer

Tensile strength	5 MPa	[DIN 53455]
Elongation at break	230%	[DIN 53455]
Angle tear	27 N/mm	[DIN 53515]
V.O.C. content system without coating	Solvent free	
V.O.C. content coating	53,8 gr/ltr (EU)	

Emission toplayer and coating after 28 days

TVOC	200,0 µg/m³
Sum of SVOC	< 0,0 µg/m³
R	0,10
Sum of VOC without NIK	0,0 µg/m³
Sum of carcinogenic substances	< 0,0 µg/m³
Formaldehyde	No formaldehyde
Health related evaluation of emissions of volatile organic compounds	Approved for indoor use

HERCULAN
HIGH PERFORMANCE FLOORING

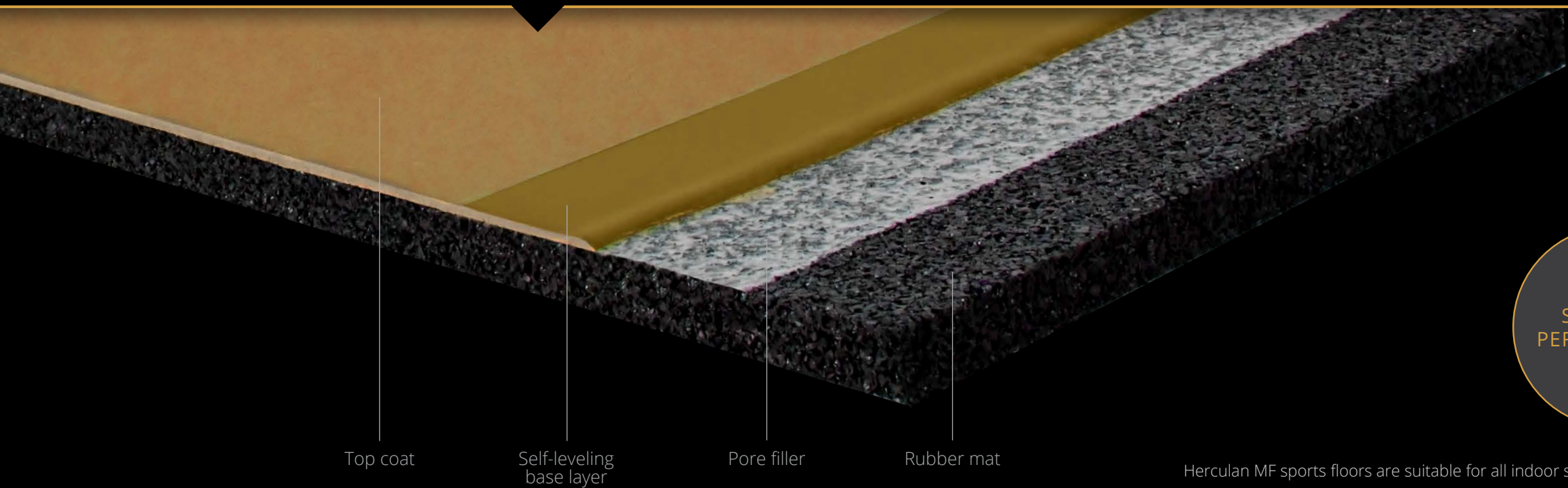
INDOOR SPORTS FLOORS

MF



POINT-ELASTIC

HERCULAN
HIGH PERFORMANCE FLOORING



SPORTING
PERFORMANCE

Herculan MF sports floors are suitable for all indoor sports, from recreational to topsport level. Certified in accordance with the highest attainable classes in the point elastic sports flooring segment.

MODERN
COLORS AND
DESIGN

Your Herculan sports floor is not restricted to traditional colors. We offer a range of contemporary and modern colors in the design of your choice. There is also the option to use more than one color, to give your sports floor a completely unique look.

MULTI
FUNCTIONAL

Do you plan to host meetings, lectures, gatherings and so on as well as sporting activities? With the Herculan MF sports flooring system there is no need to compromise, and its multifunctional use is ideal for this kind of activities.

INDOOR SPORTS FLOORS

MF

	Dikte	Schokabsorptie (EN 14808)	Europese Standaard (EN 14904)	NOC*NSF (Norm US1-15)
MF 5+2	7 mm	15%	-	-
MF 7+2	9 mm	25%	P1	Klasse 3
MF 9+2, Klasse 2	11 mm	32%	P1	Klasse 2
MF 9+2, Klasse 3	11 mm	28%	P1	Klasse 3
MF 12+3	15 mm	39%	P2	Klasse 2

	Thickness	Shock absorption (EN 14808)	European Standard (EN 14904)	NOC*NSF (Norm US1-15)
MF 5+2	7 mm	15%	-	-
MF 7+2	9 mm	25%	P1	Class 3
MF 9+2, Class 2	11 mm	32%	P1	Class 2
MF 9+2, Class 3	11 mm	28%	P1	Class 3
MF 12+3	15 mm	39%	P2	Class 2