

MF BLUE

SYSTEM PROPERTIES

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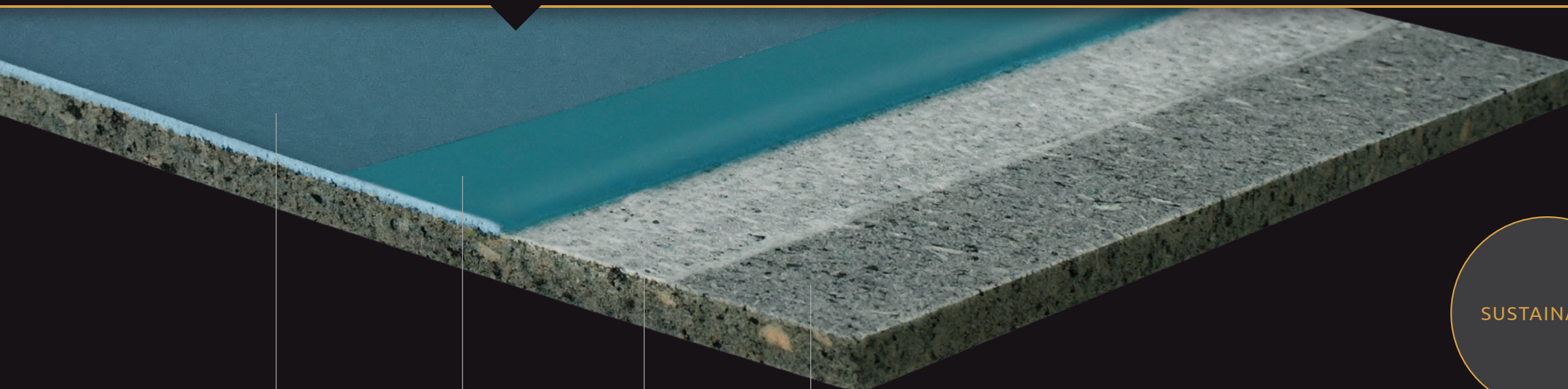
	MF Blue 28	MF Blue 33	MF Blue 38
EN 14904 Class	P1	P1	P2
NOC*NSF Class	3	2	2
Nominal thickness	8 mm	9 mm	10 mm
Vertical deformation [EN 14809]	1,4 mm	1,5 mm	1,7 mm
Shock absorption [EN 14808]	28%	33%	38%
Energy restitution [EN 14808]	54%	51%	48%
Thermal resistance: Rc-value	0,040 m².K/W	0,045 m².K/W	0,050 m².K/W
U-value	25,0 W/m².K	22,2 W/m².K	20,0 W/m².K

GENERAL  
SYSTEM  
PROPERTIES

Technical properties		
Friction dry	80-110	[EN 13036-4]
Vertical ball behaviour	≥ 90%	[EN 12235]
Specular gloss	< 3%	[EN ISO 2813]
Shore hardness	~ 80 Shore A	[EN53505]
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	134 mg/1000 H18	[EN ISO 5470-1]
Fire behaviour	Bfl-S1	[EN 13501]
Sound absorption	Avg. 0,06 at 1000Hz	
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 after 28 days		
TVOC	47 µg/m³	
Sum of SVOC	56 µg/m³	
R	0,084	
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	







Top coat

Self-leveling  
base layer

Pore filler

Foamed mat

SUSTAINABLE

A sustainable sports floor made of ecologically sound components, which will provide you with many years of enjoyment thanks to a high degree of wear resistance and continuous high performance.

INDOOR SPORTS FLOORS

## MF BLUE

**CERTIFIED  
PROVEN  
RELIABILITY**

- OUTSTANDING WEAR RESISTANCE
- HIGHEST ATTAINABLE FIRE CLASS FOR SPORTS FLOORS: BFL-S1
- APPROVED AND CERTIFIED BY SEVERAL (INTER-)NATIONAL AUTHORITIES
- LOW-MAINTENANCE AND EASY TO CLEAN
- SEAMLESS

SAFETY  
AND THE  
ENVIRONMENT

The Herculan MF Blue sports flooring system meets both the German AgBB/DIBt and Ecospecifier strict emissions requirements. This makes the system extremely environmentally friendly and safe to use from the time of installation up to and including first use by the players and athletes.

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.

	Thickness	Shock absorption (EN 14808)	European Standard (EN 14904)	NOC*NSF (Norm US1-15)
MF Blue 28	8 mm	28%	P1	Class 3
MF Blue 33	9 mm	33%	P1	Class 2
MF Blue 38	10 mm	38%	P2	Class 2