

MB BLUE ONE

SYSTEM PROPERTIES

MB BLUE ONE

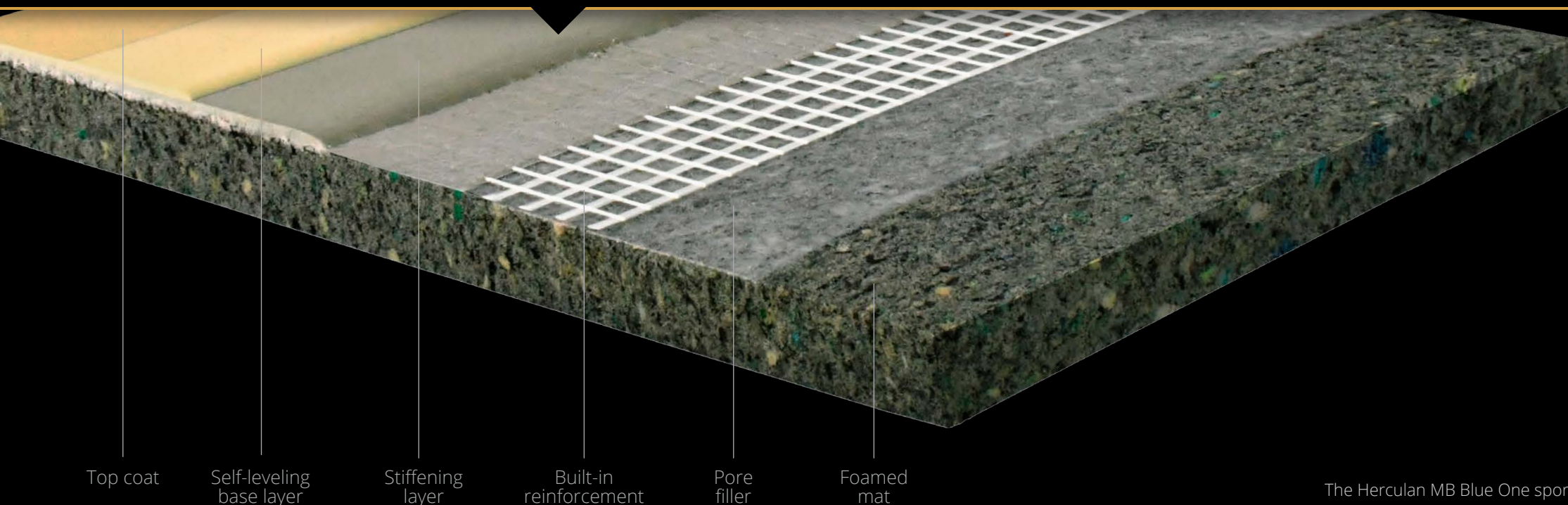
EN 14904 Class	M
NOC*NSF Class	1
Nominal thickness	16 mm
Vertical deformation [EN 14809]	1,7 mm
Shock absorption [EN 14808]	42%
Energy restitution [EN 14808]	57%
Vertical ball behaviour [EN 12235]	98%
Thermal resistance: Rc-value	0,080 m².K/W
U-value	12,5 W/m².K

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	BI-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 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	



MIX - ELASTIC



TOP SPORT
LEVEL

The Herculan MB Blue One sports flooring system is of world class. In this mix-elastic system, excellent sports related technical properties are combined with high mechanical strength. Ideal for every kind of indoor sport on topsport level.

INDOOR SPORTS FLOORS

MB BLUE ONE

**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

MULTI
FUNCTIONAL

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

SAFETY
AND THE
ENVIRONMENT

The Herculan MB Blue One 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.

	Thickness	Shock absorption (EN 14808)	European Standard (EN 14904)	NOC*NSF (Norm US1-15)
MB Blue One	ca. 16 mm	42%	M	Class 1