

ME XR 3+2

SYSTEM PROPERTIES

ME XR 3+2

EN 14904 Class	C4
NOC*NSF Class	1
Nominal thickness	43 mm
Vertical deformation [EN 14809]	3,5 mm
Shock absorption [EN 14808]	59%
Energy restitution [EN 14808]	34%
Vertical ball behaviour [EN 12235]	92%
Thermal resistance: Rc-value	0,644 m².K/W

GENERAL
SYSTEM
PROPERTIES

Technical properties		
Friction dry	80-110	[EN 13036-4]
Specular gloss	< 2%	[EN ISO 2813]
Shore hardness	~ 80 Shore A	
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	



COMBI-ELASTIC



Top coat

Self-leveling
base layer

Pore
filler

Shock
absorbing
mat

Adhesive

Multiplex,
screwed and
glued

Notched
foam

TOP SPORT
LEVEL

The combi-elastic Herculan ME systems are of world-class quality. The best of 2 worlds: the area-elastic properties of the wooden substructure combined with the point-elastic properties of the top layer. Ideal for any type of indoor sports at elite level.

INDOOR SPORTS FLOORS

ME XR 3+2

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 ME sports flooring system there is no need to compromise, and its multifunctional use is ideal for this kind of activities.

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.

	Thickness	Shock absorption (EN 14808)	European Standard (EN 14904)	NOC*NSF (Norm US1-15)
ME XR 3+2	43 mm	59%	C4	Class 1