

SYSTEM PROPERTIES

HERCULAN MF BLUE

EN 14904 Class
NOC*NSF Class
Nominal thickness
Vertical deformation [EN 14809]
Shock absorption [EN 14808]
Energy restitution [EN 14808]
Thermal resistance: Rc-value
U-value

MF BLUE 28

P1
3
8 mm
1,4 mm
28%
54%
0,040 m².K/W
25,0 W/m².K

MF BLUE 33

P1
2
9 mm
1,6 mm
33%
51%
0,045 m².K/W
22,2 W/m².K

MF BLUE 38

P2
2
10 mm
1,7 mm
38%
48%
0,050 m².K/W
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 ≥ 1000 gr @ 17°C ≥ 1200 gr @ 17°C	[EN 1517]
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	28,0 gr/ltr (EU)	

Emission toplayer and coating after 28 days

TVOC	200,0 µg/m ³
Sum of SVOC	0,0 µg/m ³
R	0,10
Sum of VOC without NIK	0,0 µg/m ³
Sum of carcinogenic substances	< 0,0 µg/m ³
Formaldehyde	No formaldehyde
Health related evaluation of emissions of volatile organic compounds	Approved for indoor use