

SR 10+4

SYSTEM PROPERTIES

SR 10+4

EN 14904 Class	P2
NOC*NSF Class	2
Nominal thickness	14 mm
Vertical deformation [EN 14809]	2,1 mm
Shock absorption [EN 14808]	40%
Energy restitution [EN 14808]	58%
Thermal resistance: Rc-value	0,070 m ² .K/W
U-value	14,3 W/m ² .K

GENERAL SYSTEM PROPERTIES

Technical properties

Friction dry	80-110	[EN 13036-4]
Vertical ball behaviour	≥ 90 %	[ISO 2813]
Specular gloss	< 3%	[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	134 mg/1000 H18	[EN ISO 5470-1]
Fire behaviour	Cfl-S1	[EN 13501]
Sound absorption	Avg. < 0,06 at 1000Hz	

Toplayer

Tensile strength	20 MPa	[DIN 53455]
Elongation at break	350%	[DIN 53455]
Angle tear	37 N/mm	[DIN 53515]
V.O.C. content system without coating	Solvent free	
V.O.C. content coating	53,8 gr/ltr (EU)	
Penetration spikes	< 1 mm	
Spike resistance	According to EN 14810	
Admitted spikes	Ceramic, conic, indoor pyramid spikes, max 6 mm	

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



POINT-ELASTIC

HERCULAN
HIGH PERFORMANCE FLOORING

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Top coat

Self-leveling base layer

Self-leveling base layer

Pore filler

Rubber/foamed based mat

HIGH MECHANICAL STRENGTH

Due to the combination of a special, shock absorbing, foamed mat and a very strong though flexible self-leveling layer, this system is highly suited for indoor athletics. The SR 10+4 is resistant against spiked shoes. A high shock absorption provides comfort to the athlete which reduces the likelihood of injuries.

INDOOR SPORTS FLOORS

SR 10+4

MULTI FUNCTIONAL

CERTIFIED PROVEN RELIABILITY

- OUTSTANDING WEAR RESISTANCE
- FIRE CLASS: CFL-S1
- APPROVED AND CERTIFIED BY SEVERAL NATIONAL AND INTERNATIONAL AUTHORITIES
- LOW-MAINTENANCE AND EASY TO CLEAN
- SPIKE RESISTANT
- SEAMLESS

Do you plan to host meetings, lectures, gatherings and so on as well as sporting activities? With the Herculan SR 10+4 sports flooring system there is no need to compromise, and its multifunctional use is ideal for this kind of activities.

SAFETY AND THE ENVIRONMENT

	Thickness	Shock absorption (EN 14808)	European Standard (EN 14904)	NOC*NSF (Norm US1-15)
SR 10+4	14 mm	40%	P2	Class 2

The Herculan SR 10+4 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.