

TECHNICAL DATA

REGUPOL SONUSFIT M 519



Product

System floor made of structure-borne sound insulating elastomers with damping, springy and sports functional properties for use in gyms. A gym floor is integrated into the system as the top layer.

Material

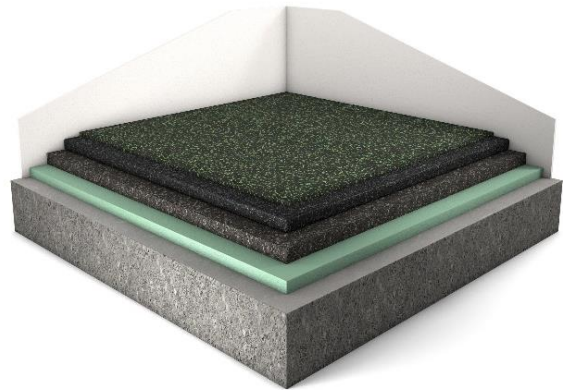
- Polyurethan-elastomer composite
- Top layer: **REGUPOL everroll**

Weight

approx. 50 kg/m²

Thickness

95 mm



Sports functional properties	Standard	Result
Force reduction	in accordance with DIN EN 14904	71 %
Sliding behavior ¹	DIN EN 13893	≥ 0,3 μ
Slip Resistance ¹	DIN 51097 / DIN 51130	C / R 10
Light reflectance ¹	DIN EN 13745	between 3,2 - 29,6 %, depending on colour
Abrasion ¹	in accordance with DIN ISO 4649	83 mm ³

¹ Refers to **REGUPOL everroll**

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Acoustical Performance*	Standard	Ergebnis	Comment
REGUPOL sonusfit m 519, loosely laid on 140 mm concrete slab	DIN EN ISO 10140-3 DIN EN ISO 717-2	ΔL_w 28 dB	Tested by ITA Wiesbaden
REGUPOL sonusfit m 519, loosely laid on 140 mm concrete slab	Testing under realistic application conditions: 30 kg, 400 mm	$\Delta L_{AF,max}$ 36 dB	Tested by ITA Wiesbaden

* Test setup from top to bottom

Illustrations for the reduction of the impact sound level and maximum sound pressure level

