

TECHNICAL DATA

REGUPOL SONUSFIT M 513

Formerly known as REGUPOL FX50 & FX75

Product

REGUPOL sonusfit m 513 gym flooring tiles are of a dual laminate construction complemented with an ****everroll** wear layer to provide an aesthetically pleasing and hard-wearing surface for gym flooring applications where superior acoustic performance is required. REGUPOL sonusfit m 513 is available in two thicknesses and are supplied with dowel fixings to enable a simple and effective method on installations. *



****Please note the REGUPOL everroll wearing surface is supplied as a separate component part and is not included as part of the actual sonusfit m 513 tile. Please refer to 'physical information' below for details on REGUPOL everroll wear layer.**

Applications

- Gym flooring
- Functional training areas
- Fitness studios
- Free weight areas
- Yoga and spin studios

Physical information	REGUPOL sonusfit m 513, **50mm	REGUPOL sonusfit m 513, **75mm
**Top layer	REGUPOL everroll, 10m x 1.25m x 10mm	REGUPOL everroll, 10m x 1.25m x 10mm
Tile dimensions (bottom layer)	1000mm x 500mm x 50mm	1000mm x 500mm x 75mm
Total tile thickness	60mm	85mm
Weight per m ²	37kg/m ²	48kg/m ²
Material composition	PUR-bonded rubber fibres	PUR-bonded rubber fibres

Sports functional properties	Standard	Result
Sliding behavior ¹	DIN EN 13893	≥ 0,3μ
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	83mm ³

¹ Refers to **REGUPOL everroll**

*Subjective on-site field testing may be required to determine the performance of **REGUPOL sonusfit m 513** when used as a component part of a laminated build-up.

Where heavy point loads are applied to acoustic floors, subject to the full build up, it may be necessary to use spreader plates beneath the feet of equipment.

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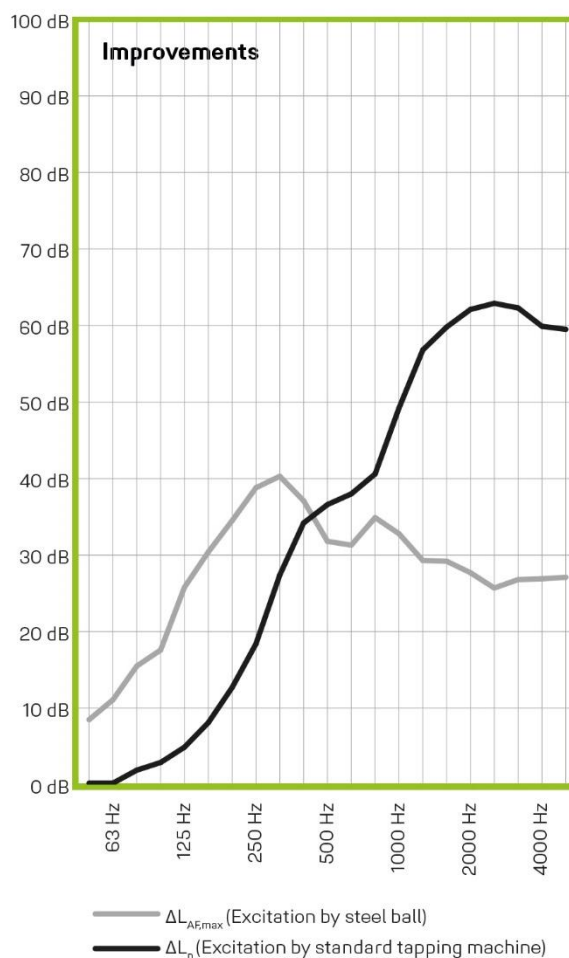
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Acoustical Performance*	Standard	Result	Comment
***60mm REGUPOL sonusfit m 513, loosely laid on 140mm concrete slab	DIN EN ISO 10140-3 DIN EN ISO 717-2	ΔL_w 27dB	Tested by ITA Wiesbaden
***60mm REGUPOL sonusfit m 513, loosely laid on 140mm concrete slab	Testing under realistic application conditions: 30kg, 400mm	$\Delta L_{AF,max}$ 25dB	Tested by ITA Wiesbaden

* Test setup from top to bottom

***Tests include 10mm REGUPOL everroll wear layer

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



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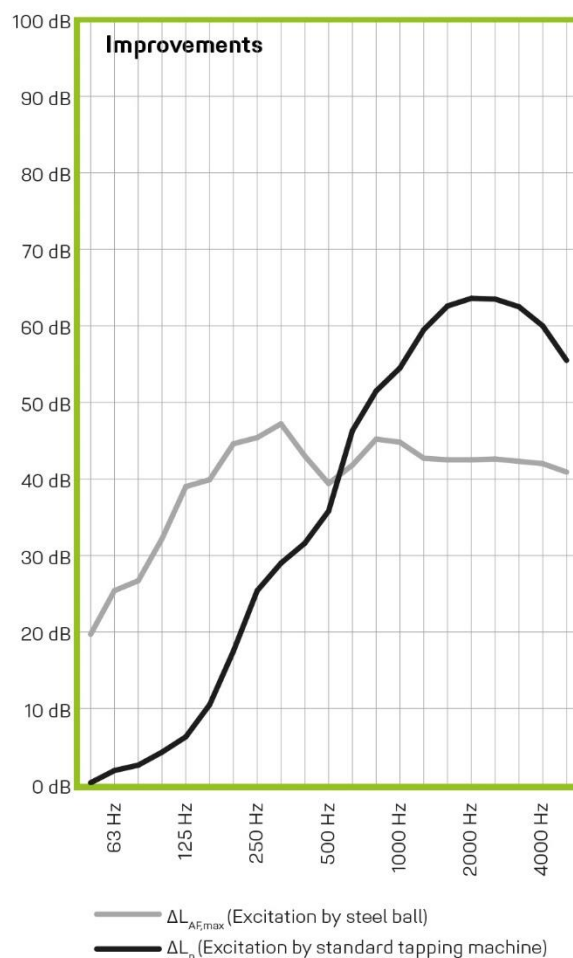
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Acoustical Performance*	Standard	Result	Comment
***85mm REGUPOL sonusfit m 513, loosely laid on 140mm concrete slab	DIN EN ISO 10140-3 DIN EN ISO 717-2	ΔL_w 30dB	Tested by ITA Wiesbaden
***85mm REGUPOL sonusfit m 513, loosely laid on 140mm concrete slab	Testing under realistic application conditions: 30kg, 400mm	$\Delta L_{AF,max}$ 36dB	Tested by ITA Wiesbaden

* Test setup from top to bottom

***Tests include 10mm REGUPOL everroll wear layer

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



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England & Wales: Unit 2, Lyncastle Road, Warrington, WA4 4SN | 01925 577711 | info@cmsdanskin.co.uk

Scotland: 1 Netherton Road, Wishaw, North Lanarkshire, ML2 0EQ | 01698 356000 | enquiries@danskin.co.uk