

## 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 <sup>2</sup>	37kg/m <sup>2</sup>	48kg/m <sup>2</sup>
Material composition	PUR-bonded rubber fibres	PUR-bonded rubber fibres

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

<sup>1</sup> 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.

## TECHNICAL DATA

### REGUPOL SONUSFIT M 513

Formerly known as REGUPOL FX50 & FX75

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	$\Delta L_w$ 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



## TECHNICAL DATA

### REGUPOL SONUSFIT M 513

Formerly known as REGUPOL FX50 & FX75

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	$\Delta L_w$ 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



**IMPORTANT:** The information provided within this document is believed correct and to the best of our available knowledge at its revision date and is provided as suggestion for safe handling, storage, transportation, use and disposal. The information should not be considered obligation in respect of warranty of (technical) performance, quality (specification) or suitability for any application or design. The customer must satisfy themselves the product (or draft specification) are relevant and suitable for their need and design intent. Prospective users should test a sample of product under their own conditions to satisfy themselves of its suitability for intended purpose and that expert advice be sought where different applications are contemplated. Due to our policy of continuous improvement we reserve the right to alter or amend published specification or design without prior notice. Reproduction of any part of this publication in any manner is not permitted without our prior written consent.

Technical Data | REGUPOL sonusfit m 513 | Release 02.02.2023 | [www.cmsdanskin.co.uk](http://www/cmsdanskin.co.uk)

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

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