

## TECHNICAL DATA

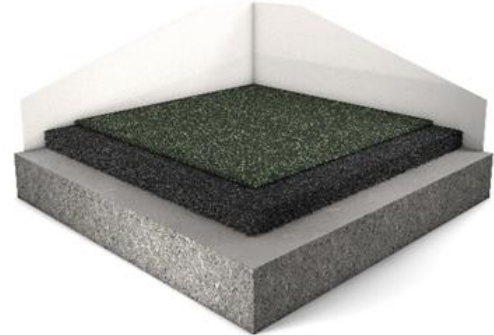
# REGUPOL SONUSFIT M 513

Formerly known as FX58 and FX83



### 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**

### Thickness and weight

Thickness: 58 mm  
approx. 37 kg/m<sup>2</sup>

Thickness: 83 mm  
approx. 48 kg/m<sup>2</sup>

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

<sup>1</sup> Refers to **REGUPOL everroll**

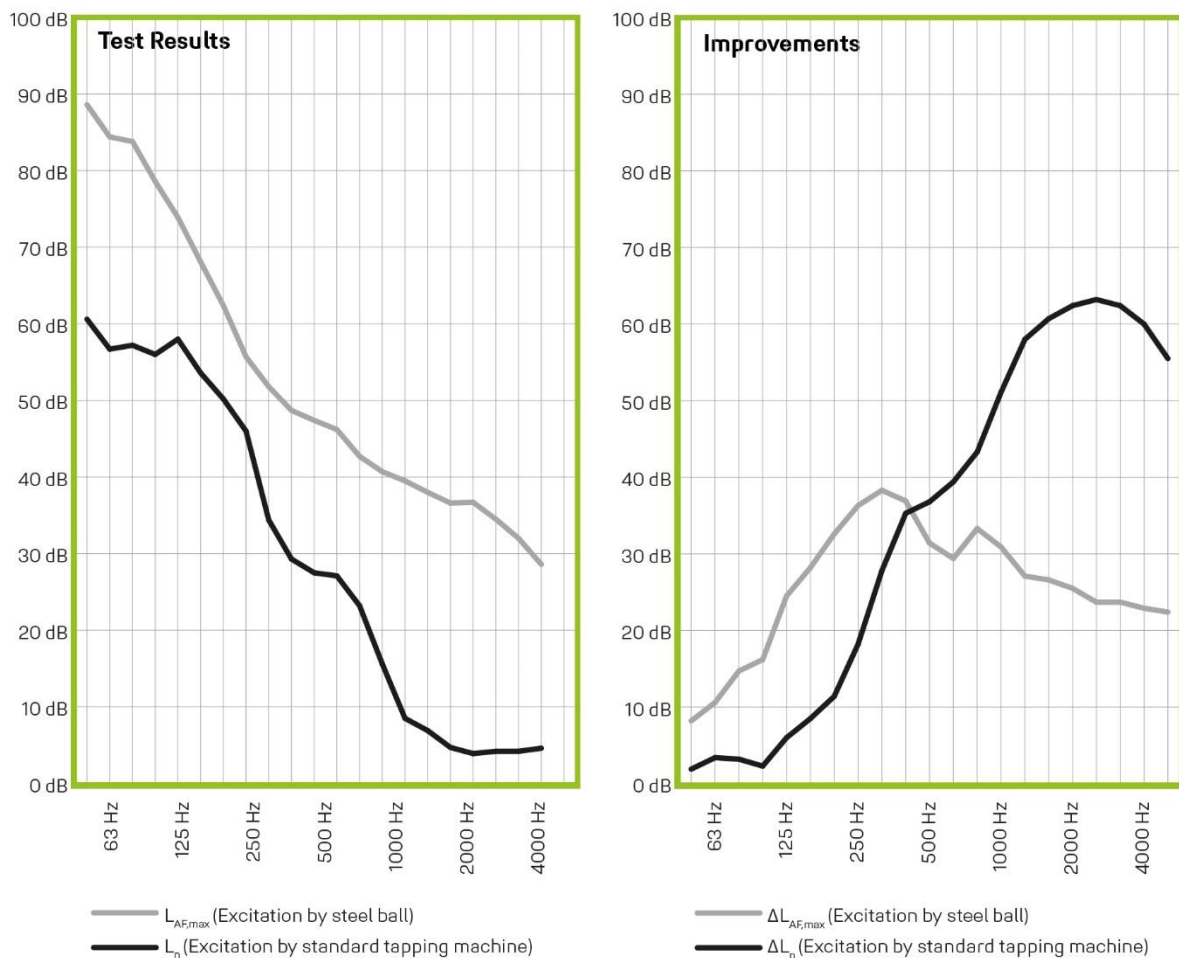
# REGUPOL SONUSFIT M 513

Formerly known as FX58 and FX83

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



# REGUPOL SONUSFIT M 513

Formerly known as FX58 and FX83

Acoustical Performance*	Standard	Result	Comment
83 mm REGUPOL sonusfit m 513, loosely laid on 140 mm concrete slab	DIN EN ISO 10140-3 DIN EN ISO 717-2	$\Delta L_w$ 30 dB	Tested by ITA Wiesbaden
83 mm REGUPOL sonusfit m 513, 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

