

# REGUPOL THE GLOBAL ONE / SONUS CURVE 10

## Product

High performance impact and airborne sound insulating underlayment for various floor structures under screed beds and floating floor solutions.



## Material

- PUR-bonded recycled rubber fibres
- Dimpled profile on the underside

## Weight

51 kg/roll – 4.3 kg per m<sup>2</sup>

## Dimensions

Length: 10,000 mm, Width: 1,150 mm, Thickness: 10 mm



## Applications

Under cement or gypsum screed beds, lightweight concrete or timber toppings and other floating floor solutions for both residential and commercial use, e. g. floor renovations, new buildings and reconstructions.

## Certification

GreenCircle certified for recycled content and can potentially qualify for up to 8 LEED points

Acoustical Performance*	Standard	Result
70 mm cement screed, REGUPOL The Global One, 140 mm concrete slab	ISO 10140-3 ISO 717-2	$\Delta L_w \geq 25$ dB

Material properties	Standard	Result
Maximum surface load		50 kN/m <sup>2</sup>
Mean dynamic stiffness value	DIN EN 29052-1	$s't \leq 27$ MN/m <sup>3</sup>
Compressibility	DIN EN 12431	$c \leq 1$ mm

Health protection	Standard	Result
VOC	DIN EN 16516	compliant with EU-LCI list and German AgBB scheme; "A+" as per décret n°2011-321
Nitrosamine	DIK Method	compliant with German Model Building Regulation
PAH	DIN EN 18287	compliant with German Model Building Regulation

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<b>Thermal behaviour</b>	<b>Standard</b>	<b>Result</b>
Thermal conductivity	DIN EN 12667	$\lambda = 0.075 \text{ W/(mK)}$
Thermal resistance	DIN EN 12667	$R = 0.10 \text{ (m}^2\text{K)/W}$
Temperature resistance		-20 to +60° C
Sensitivity to moisture		Resistant to moisture

<b>Fire behaviour</b>	<b>Standard</b>	<b>Result</b>
Fire classification	DIN EN 13501-1	E <sub>fl</sub>