



# DECLARATION OF PERFORMANCE

According to appendix III of the Construction Products Regulation (EU)  
No. 305/2011



	TVOC without NIK 28 days <0.1 mg/m <sup>3</sup> R-value < 1 (28 days)	EN 16516:2018-01
Security and accessibility during use	n.d.	Not applicable
Dynamic stiffness	$s'_t \leq 50 \text{ MN/m}^3$	EN 29052-1:1992
Impact sound reduction	$\Delta L_w \geq 22 \text{ dB}$	Rating acc. to EN ISO 10140:2010 (category II acc. to EN ISO 10140-1, annex H)
Nominal length	13000 mm	EN 822:2013, EN 16069:2012+A1:2015 (L1)
Nominal width	1150 mm	EN 822:2013, EN 16069:2012+A1:2015 (W1)
perpendicularity	$S_b \leq 5 \text{ mm/m}$	EN 824:2013
thickness	$d_L \geq 8.0 \text{ mm}$	EN 12431:2013
Compressibility	$c \leq 1.0 \text{ mm}$	EN 12431:2013 (mit $c = d_L - d_B$ )
Weight per unit area	3.30 kg/m <sup>2</sup> - 3.80 kg/m <sup>2</sup>	based on EN 1602:2013
Creep behavior under pressure stress	n.d.	-
Compressive stress (at 10% compression.)	$\sigma_{10\%} \geq 10 \text{ kPa}$	EN 826:2013
Deformation under defined pressure and temperature stress	$\Delta \epsilon \leq 5.0 \%$	test acc. to 1605:2013 with test condition 2 (40 kPa, 70 °C, 168 h)

The performance of the **REGUPOL sound 47** product and the corresponding batches are in accordance with the above figures. This declaration of performance is issued under the sole responsibility of the manufacturer **REGUPOL Germany GmbH & Co.KG**.

Signed for the manufacturer and on behalf of the manufactures by:

Sebastian Pöppel / CEO

(Name and Role)

Bad Berleburg, 02.11.2023

(Place/Date of issue)

(Signature)

