

# DECLARATION OF PERFORMANCE

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



**DOP NR.: REGUPOL 010**

## REGUPOL sound 12

Impact sound insulation mat to be used for impact sound insulation under floating screed

**REGUPOL Germany GmbH & Co.KG | Am Hilgenacker 24 | 57319 Bad Berleburg | Germany**

Evaluation of the constancy of performance:

**System 3**

The notified body:

**MFPA Leipzig GmbH Notified  
Body No. 0800,**

and

**MPA Dresden GmbH Notified  
Body No. 0767,**

based on the European Technical Assessment:

**ETA-15/0727,**

of 02 Juni 2022, in accordance with Regulation (EC) No 305/2010 on the basis of:

**EAD 040049-01-0502**

The initial tests of the product according to System 3 were carried out.

A factory production control was established in accordance with the provisions of ETA-15/0727

Essential characteristics	Performance	Harmonised technical specification
Mechanical strength and stability	n.d.	Not applicable
Fire behavior	Class E (with foil) Class E-d2 (with USB)	EN 13051-1:2007 + A1:2009
Hygiene, health and environmental protection	Total of 16 EPA-PAHs: ≤50mg/kg B(a)P: ≤5mg/kg Nitrosamines ≤ 11µg/kg Carcinogen (Cat. 1A/1B)	AfPS GS 2014:01 PAK:2014-08 DIK test specification EN 16516:2018-01
	3 days/28 days <0.01/<0.001mg/m <sup>3</sup> TVOCspec. 3 days/28 days < 10 / 1.0 mg/m <sup>3</sup> TSVOC 28 days <0.1 mg/m <sup>3</sup>	EN 16516:2018-01

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	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	$s'_t \leq 6 \text{ MN/m}^3$	EN 29052-1:1992
Impact sound reduction	$\Delta L_w \geq 31 \text{ dB}$	EN ISO 10140:2010 (category II acc. to EN ISO 10140-1, annex H)
Nominal length	1000 mm	EN 822:2013, EN 16069:2012+A1:2015 (L1)
Nominal width	1200 mm	EN 822:2013, EN 16069:2012+A1:2015 (W1)
perpendicularity	$S_b \leq 5 \text{ mm/m}$	EN 824:2013
thickness	$d_L \geq 17 \text{ mm}$	EN 12431:2013
Compressibility	$c \leq 2.0 \text{ mm}$	EN 12431:2013 (with $c = d_L - d_B$ )
Weight per unit area	2.40 kg/m <sup>2</sup> - 3.00 kg/m <sup>2</sup>	based on EN 1602:2013
Creep behavior under pressure stress	n.d.	-
Compressive stress (at 10% compression.)	$\sigma_{10\%} \geq 2.5 \text{ kPa}$	EN 826:2013
Deformation under defined pressure and temperature stress	$\Delta \epsilon \leq 5.0 \%$	EN 1605:2013 with test condition 2 (40 kPa, 70 °C, 168 h)

The performance of the **REGUPOL sound 12** 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)

