

DECLARATION OF PERFORMANCE

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



DOP NR.: REGUPOL 012

REGUPOL sound 17

Rubber fibre mat 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-10/0057,

of 02 October 2020, in accordance with Regulation (EC) No 305/2010 on the basis of:

EAD 040048-01-0502

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-10/0057

Essential characteristics	Performance	Harmonised technical specification
Mechanical strength and stability	n.d.	Not applicable
Fire behavior	Class E (with foil)	EN 13051-1:2007 + A1:2009
	Class E-d2 (with USB)	
	Total of 16 EPA-PAHs: ≤50mg/kg B(a)P: ≤5mg/kg	
Hygiene, health and environmental protection	Nitrosamines ≤ 11µg/kg	DIK test specification
	Carcinogen (Cat. 1A/1B) 3 days/28 days <0.01/<0.001mg/m ³	EN 16516:2018-01
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	TVOCspec. 3 days/28 days $< 10 / 1.0 \text{ mg/m}^3$ TSVOC 28 days $< 0.1 \text{ mg/m}^3$ TVOC without NIK 28 days $< 0.1 \text{ mg/m}^3$ R-value < 1 (28 days)	EN 16516:2018-01
Security and accessibility during use	n.d.	Not applicable
Dynamic stiffness	$s'_t \leq 19 \text{ MN/m}^3$	EN 29052-1:1992
Impact sound reduction	$\Delta L_w \geq 26 \text{ dB}$ (1 layer) $\Delta L_w \geq 30 \text{ dB}$ (2 layer)	EN ISO 10140: 2010 (Kat. II, Anh. H) EN ISO 717-2:2013
Nominal length	1200 mm	EN 822:2013, EN 16069:2012+A1:2015 (L1)
Nominal width	1000 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 (mit $c = d_L - d_B$)
Weight per unit area	6.50 kg/m^2 - 8.00 kg/m^2	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	$\Delta \varepsilon \leq 5.0 \%$	EN 1605:2013 with test condition 3 step A: $(23 \pm 5)^\circ\text{C} / (48 \pm 1) \text{ h} / 80 \text{ kPa}$ step B: $(60 \pm 1)^\circ\text{C} / (168 \pm 1) \text{ h} / 80 \text{ kPa}$

The performance of the **REGUPOL sound 17** 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**.

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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)

A handwritten signature in black ink, appearing to be 'S. Pöppel', written over a horizontal line.

(Signature)

