

DECLARATION OF PERFORMANCE

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



DOP NR.: REGUPOL 013

REGUPOL sound 47

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-10/0056,

of 22 October 2022, 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-10/0056

Essential characteristics	Performance	Harmonised technical specification
Mechanical strength and stability	n.d.	Not applicable
Fire behavior	Class E	EN 13051-1:2007 + A1:2009 DIN ISO 18287:2006-05
Hygiene, health and environmental protection	Total of 16 EPA-PAHs: ≤50mg/kg B(a)P: ≤5mg/kg	DIN ISO 18287:2006-05
	Nitrosamines ≤ 11µg/kg	DIK test specification
	Carcinogen (Cat. 1A/1B) 3 days/28 days <0.01/<0.001mg/m ³	EN 16516:2018-01
	TVOCspec. 3 days/28 days < 10 / 1.0 mg/m ³ TSVOC 28 days <0.1 mg/m ³	EN 16516:2018-01

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	TVOC without NIK 28 days <0.1 mg/m ³ R-value < 1 (28 days)	EN 16516:2018-01
Security and accessibility during use	n.d.	Not applicable
Dynamic stiffness	$s'_t \leq 50 \text{ MN/m}^3$	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 ² - 3.80 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	$\Delta \epsilon \leq 5.0 \%$	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)

