

# DECLARATION OF PERFORMANCE

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



**DOP NR.: REGUPOL 015**

## REGUPOL comfort

polyurethane foam mat to be used for impact sound insulation under floating screeds

**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-17/1030,**

of 04 January 2023, 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-17/1020

Essential characteristics	Performance	Harmonised technical specification
Mechanical strength and stability	n.d.	Not applicable
Fire behavior		
- REGUPOL comfort 5 und 12	Class E-d2	EN 13051-1:2007 + A1:2009
- REGUPOL 8	Class E	
	Total of 16 EPA-PAHs: ≤50mg/kg B(a)P: ≤5mg/kg	AfPS GS 2014:01 PAK:2014-08
	Nitrosamines ≤ 11µg/kg	DIK test specification
Hygiene, health and environmental protection	Carcinogen (Cat. 1A/1B) 3 days/28 days <0.01/<0.001mg/m <sup>3</sup>	EN 16516:2018-01
	TVOCspec. 3 days/28 days < 10 / 1.0 mg/m <sup>3</sup>	EN 16516:2018-01

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	TSVOC 28 days <0.1 mg/m <sup>3</sup> 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:		
- Regupol comfort 5	$s'_t \leq 110 \text{ MN/m}^3$	EN 29052-1:1992
- Regupol comfort 8	$s'_t \leq 16 \text{ MN/m}^3$	
- Regupol comfort 12	$s'_t \leq 10 \text{ MN/m}^3$	
Impact sound reduction		
- Regupol comfort 5	$\Delta L_w \geq 18 \text{ dB}$	EN ISO 10140: 2010 (Kat. II, Anh. H)
- Regupol comfort 8	$\Delta L_w \geq 21 \text{ dB/24 dB}$	EN ISO 717-2:2013
- Regupol comfort 12	$\Delta L_w \geq 26 \text{ dB/27 dB}$	
Nominal length	1100 mm	EN 822:2013, EN 16069:2012+A1:2015 (L1)
Nominal width	1500 mm	EN 822:2013, EN 16069:2012+A1:2015 (W1)
perpendicularity	$S_b \leq 5 \text{ mm/m}$	EN 824:2013
thickness		
- Regupol comfort 5	$D_L \geq 5.0 \text{ mm}$	EN 12431:2013
- Regupol comfort 8	$D_L \geq 8.0 \text{ mm}$	
- Regupol comfort 12	$D_L \geq 12.0 \text{ mm}$	
Compressibility		
- Regupol comfort 5, 8	$c \leq 1.0 \text{ mm}$	EN 12431:2013 mit $c=d_L-D_b$
- Regupol comfort 12	$c \leq 2.0 \text{ mm}$	
Weight per unit area Regupol comfort 5, 8, 12	1.8 -3.3 kg/m <sup>2</sup>	EN 1602:2013 (in Anlehnung)
Creep behavior under pressure stress	n.d.	-
Compressive stress (at 10% compression)		
- Regupol comfort 5	$\sigma_{10\%} \geq 25.0 \text{ kPa}$	EN 826:2013
- Regupol comfort 8	$\sigma_{10\%} \geq 4.0 \text{ kPa}$	
- Regupol comfort 12	$\sigma_{10\%} \geq 3,0 \text{ kPa}$	
Deformation under defined pressure and temperature stress	$\Delta \varepsilon \leq 5.0 \%$	EN1605:2013 Prüfbed. 2 (40kPa, 70°C, 168 h)

The performance of the **REGUPOL comfort** 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:

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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)

