

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 ³ | EN 16516:2018-01 |
| | TVOCspec. 3 days/28 days < 10 / 1.0 mg/m ³ | EN 16516:2018-01 |

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| | | |
|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| | TSVOC 28 days <0.1 mg/m ³ 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: | | |
| - 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) EN ISO 717-2:2013 |
| - Regupol comfort 8 | $\Delta L_w \geq 21 \text{ dB/24 dB}$ | |
| - 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 ² | 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)

