

DECLARATION OF PERFORMANCE

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



DOP NR.: REGUPOL 014

Regupol sound and drain 22

Rubber fiber track for impact sound insulation, drainage and protection of the seal

REGUPOL BSW GmbH | Am Hilgenacker 24 | 57319 Bad Berleburg | Germany

Evaluation of the constancy of performance:

System 4

The notified body

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

and

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

based on the European Technical
Assesment

ETA-18/0239,

of 07 May 2018, in accordance with
Regulation (EC) No 305/2010 on the basis
of:

EAD 040708-00-0402

The initial tests of the product according to System 4 were carried out.

A factory production control was established in accordance with the provisions of ETA-18/0239

| Essential characteristics | Performance | Harmonised technical specification |
|---|---|--|
| Fire behavior | Klasse E | EN ISO 11925-2:2010 EN 13501-1:2007+A1:2009 |
| Normal dimensions | $B \times L = 1250 \times 10000\text{mm}$ $d_t \geq 15\text{ mm}$ | EN 12431:2013 |
| Apparent. Dynamic stiffness | $S'_t \leq 21\text{ NM/m}^3$ ($s'_{t, 7\text{kN}} \leq 37\text{ MN/m}^3$) | EN 29052-1:1992 |
| Compreive stress at 10% compression | $\sigma_{10} \geq 11\text{ kPa}$ | EN 826:2016 |
| Long-term creep behavior | $X_{87600} = 2,3\text{mm/}$ $\epsilon_{87600} = 13,3\%$ | EN 1606:2013, EN 16069:2011 CC (2,3/0,8/3,9)10 |
| Deformation at def. Printing and temperature stress | $\Delta\epsilon \leq -6,8\%$ | EN 1605:2013 testconditions.2 (40 kPa, 70°C, 168 h) |
| Water drainage | $Q_{20\text{kPa}/0,010} \geq 0,018\text{ l(m*s)}/$ $Q_{20\text{kPa}/0,015} \geq 0,025\text{ l(m*s)}$ | EN ISO 12958:2010 |
| oxidation resistance | $R\sigma_{10} \geq 92,3\%/S'_t \leq 21\text{ MN/m}^3$ | EN 13468:2001 |
| hydrolysis | $R\sigma_{10} \geq 76,9\%/S'_t \leq 17\text{ MN/m}^3$ | EN 12447:2002 (70°, 28 d) |
| ozone resistance | $R\sigma_{10} \geq 76,9\%/S'_t \leq 15\text{ MN/m}^3$ | EN 1844:2013 |

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|--|--|--|
| weatherability | $R\sigma_{10} \geq 92,3\%/S'_t \leq 19 \text{ MN/m}^3$ | EN 12224:2000 (Typ 1/340nm) |
| Behavior during freeze-thaw cycling | $M_0 = 314,2\text{g}$ $M_1 = 331,7\text{g}$ | EN 12091:2013 (storage in water) |
| dimensional stability | $DS_{(70,90)} \leq 0,4\%$ | EN 1604:2013 |
| impact sound reduction | $\Delta LW \geq 28\text{dB}$ bis zu $\geq 37\text{dB}$ (je nach gewähltem Aufbau) | EN ISO 10140:2010 (Kat.II Anh. H) EN ISO 717-2:2013 |
| hermal resistance / thermal conductivity | $R=0,229\text{m}^2\cdot\text{KW/}$ $\lambda_{10}= 0,0786 \text{ W/mK}$ | EN 12667:2001 |
| Water vapor permeability | $\mu = 3,1 [-]$ mit $sd = 0,05 \text{ [m]}$ | EN ISO 12572:2001 |

The performance of the **Regupol sound and drain 22** 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 BSW GmbH**.

Signed for the manufacturer and on behalf of the manufactures by:

Ulf Pöppel / CEO

(Name and Role)

Bad Berleburg, 27.03.2020

(Place/Date of issue)

(Signature)

