

# 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	$S'_t \leq 21\text{ NM/m}^3$ ( $s'_{t,7kN} \leq 37\text{ MN/m}^3$ )	EN 29052-1:1992
Compreieve 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	$Q_{20kPa/0,010} \geq 0,018\text{ l(m*s)/}$ $Q_{20kPa/0,015} \geq 0,025\text{ l(m*s)}$	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)

