

DECLARATION OF PERFORMANCE

*in accordance with Annex III to Regulation (EU) No. 182/2011. 305/2011
amended by Delegated Regulation (EU) No. 574/2014*

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Hidrostop Elastik
DOP No.: 01 P5001 Hidrostop Elastik

1. Unique identification code of the product-type:

P5001 Hidrostop Elastik

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

P5001 Hidrostop Elastik

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

EN 1504-2: 2004 Surface protection products: Hydraulic cement modified with polymer dispersion coating (C) for principle 2 - Moisture control.
EN 14891: 2017 Liquid applied water impermeable products for use beneath ceramic tiling bonded with adhesives: Two-component highly elastic cement-based waterproof coating CM O2 P (CM=liquid installed waterproof coating on cement base, O2=crack overbridging at -20 degrees C, P=with persistence in chlorinated water), for indoor and outdoor use in pools under ceramic tiles on walls and floors (with adhesive class C2 according to SIST EN 12004).

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

Murexin d.o.o.
Puconci 393
SI-9201 Puconci, Slovenia

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 2+
System 3



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7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

EN 1504-2:2004, ITC Zlin– Institute for testing and certification, 1023, performed Initial type test NR.: 753500227/2009, initial inspection of factory and of F.P.C., continuous surveillance assessments and approval of F.P.C. and issued Certificate of conformity; Nr.: 1023-CPR-0140F.
 SIST EN 14891:2012/AC 2013, TVFA TU Graz, 76 issued Product Type Examination Report No. 79.750/12.

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Not relevant

9. Declared performance:

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	Euroclass F	EN 13501-1
Adhesion to concrete	≥ 0,8 N/mm ²	EN 1504-2:2004
Adhesion to concrete after thermal cycling	≥ 0,8 N/mm ²	
Liquid water permeability	w < 0,01 kg/m ² h ^{0.5}	
Equivalent air layer thickness Sd	Class I: S _D < 5 m	
Crack overbridging	Class A5: > 2,5 mm	
Realease of dangerous substances	Complies	See MSDS

Essential characteristics	Performance	Harmonized technical specification
Class	CM O2 P	EN 14891:2017
Initial tensile adhesion strength	≥ 0,5 N/mm ²	
Waterproofing	No penetration	
Crack bridging:	≥ 0,75 mm	
Crack bridging ability at low temperature (-20 C):	≥ 0,75 mm	
Tensile adhesion strength after water contact	≥ 0,5 N/mm ²	
Tensile adhesion strength after contact with lime water	≥ 0,5 N/mm ²	



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Tensile adhesion strength after contact with chlorinated water	≥ 0,5 N/mm ²	
Tensile adhesion strength after heat ageing	≥ 0,5 N/mm ²	
Tensile adhesion strength after freeze-thaw cycles	≥ 0,5 N/mm ²	
Realease of dangerous substances	Complies	See MSDS

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.:

Signed for and on behalf of the manufacturer by:

Jernej Kuzmič
Bojan Ošep

Puconci, 03.08.2021




MUREXIN, gradbeni materiali, d.o.o.

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Murexin d.o.o. Puconci 393 SI-9201 Puconci		
Hidrostop Elastik DOP No.: 01 P5001 Hidrostop Elastik		
Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	Class F	EN 13501-1
Adhesion to concrete	$\geq 0,8 \text{ N/mm}^2$	
Adhesion to concrete after thermal cycling	$\geq 0,8 \text{ N/mm}^2$	
Liquid water permeability	$w < 0,01 \text{ kg/m}^2\text{h}^{0.5}$	EN 1504:2004
Equivalent air layer thickness S_d	Class I: $s_D < 5 \text{ m}$	
Crack overbridging	Class A5: $>2,5 \text{ mm}$	
Release of dangerous substances	Complies	See MSDS
1023-CPR-0559 F EN 1504-2:2004 Surface protection products: Coating (C) for principle 2 - Moisture control		
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Essential characteristics	Performance	Harmonized technical specification
Class	CM O2 P	
Initial tensile adhesion strength	$\geq 0,5 \text{ N/mm}^2$	
Waterproofing	No penetration	
Crack bridging:	$\geq 0,75 \text{ mm}$	
Crack bridging ability at low temperature (-20 C):	$\geq 0,75 \text{ mm}$	EN 14891:2017
Tensile adhesion strength after water contact	$\geq 0,5 \text{ N/mm}^2$	
Tensile adhesion strength after contact with lime water	$\geq 0,5 \text{ N/mm}^2$	
Tensile adhesion strength after contact with chlorinated water	$\geq 0,5 \text{ N/mm}^2$	



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Tensile adhesion strength after heat ageing	≥ 0,5 N/mm ²	
Tensile adhesion strength after freeze-thaw cycles	≥ 0,5 N/mm ²	
Release of dangerous substances	Complies	See MSDS
EN 14891:2017 Liquid installed waterproof coating on cement base with improved crack overbridging at -20 degrees and persistence in chlorinated water, for indoor and outdoor use in pools under ceramic tiles on walls and floors (with adhesive class C2 according to SIST EN 12004)		

