DECLARATION OF PERFORMANCE

N. CPR-ES2/0014

1|Unique identification code of the product-type	**DESMOPOL SYSTEM**
2|Intended uses	Single component pure polyurethane system for intended use as a bridge-deck waterproofing
3|Manufacturer	TECNOPOL SISTEMAS, S.L.U. Finlàndia, 33 08520 Les Franqueses del Vallès – Barcelona-Spain www.tecnopolgroup.com – t. +34 935682111
4|Systems of AVCP	System 2+
5|Harmonized standards	EAD 030675-00-0107 (in accordance to N. 305/2011, art.65 3rd paragraph)
Notified bodies	The notified body Instituto de Ciencias de la Construcción Eduardo Torroja, N 1219, carried out the assessment of the performance according to the EAD 030675-00-0107 guideline for European Technical Approval used according to CPR 305/2011 art. 66, 3rd subsection.
European Technical Assessment	ETA 20/0734 last version issued on 23/03/2021
6|Performances declared	

Essential characteristics	Performances
Minimum thickness:	2,1 mm.
Expected working life:	W3 (25 years)
Resistance to chloride ion penetration:	Pass (<0,04%)
Resistance to compaction (160ºC):	Pass
Resistance to perforation (23ºC):	Pass (I4)
Bond Strength (23ºC):	>1 MPa
Crack-bridging after heat impact (-20ºC, 10.000 cycles):	Watertight
Resistance to the dynamic indention (23ºC):	Watertight
Resistance to shear(concrete/overlay) (mastic asphalt)	0,10 MPa
(250ºC):	0,10 Mpa
Resistance to shear(steel/overlay) (coarse bituminous	0,12MPa
mixture)(250ºC):	0,12 MPa
Watertightness(23ºC):	Watertight
Resistance to flow:	Loss of mass=0%
Resistance to water contact (23ºC):	
Water absorption, without edged sealed	0,10 %
Water absorption, edged sealed	0,10 %
Alkali resistance:	
Initial mass(initial/ageing)	0,40 %
Microhardness(initial/aging)	11
Resistance to the bitumen contact:	
Microhardness(initial/aging)	1%

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7|Appropriate technical documentation	Not applicable
8|REACH information	the information referred to Article 31 or, as appropriate, to Article 33 of the REACH Regulation (EC) no. 1907/2006 and the following amendments are indicated in the safety data sheet that TECNOPOL makes available on the website along with this current Declaration of Performance

The performance of the product identified above is in conformity with the set of declared performances.

This declaration of performance is issued, in accordance with Regulation (EU) no. 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by **David Pont – *Technical Service Manager***

Les Franqueses del Vallès,

23/04/2022

DoP in Pdf format is available on the Tecnopol website.

Revision 0 notes:	*First issue*

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CE 1219	**TECNOPOL SISTEMAS, S.L.U., Finlàndia, 33 08520 Les Franqueses del Vallès – Barcelona-Spain – www.tecnopolgroup.com**

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CPR-ES2/0014
ETA 20/0734
DESMOPOL SYSTEM
Single component pure polyurethane system for intended use as a bridge-deck waterproofing

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Resistance to compaction (160ºC):	Pass
Resistance to perforation (23ºC):	Pass (I4)
Bond Strength (23ºC):	>1 MPa
Crack-bridging after heat impact (-20ºC, 10.000 cycles):	Watertight
Resistance to the dynamic indention (23ºC):	Watertight
Resistance to shear(concrete/overlay) (mastic asphalt) (250ºC):	0,10 MPa
Resistance to shear(steel/overlay) (coarse bituminous mixture) (250ºC):	0,10 Mpa 0,12MPa
Watertightness(23ºC):	0,12 MPa
Resistance to flow:	Watertight
Resistance to water contact (23ºC):	Loss of mass=0%
Water absorption, without edged sealed	0,10 %
Water absorption, edged sealed	0,10 %
Alkali resistance:	
Initial mass(initial/ageing)	0,40 %
Microhardness(initial/aging)	11
Resistance to the bitumen contact:	
Microhardness(initial/aging)	1%

Note:

TECNOPOL SISTEMAS S.L.U supplies the current annex along with the DoP to make the consultancy of the CE marking easier for international clients. The enclosed CE marking can be slightly different compared to the one printed on the relevant packaging or documentation because of:

- graphic adaptations due to lack of space on the packaging or printing methods used,
- different language (the same packaging can be shared by several countries),
- the product is already in stock when the updating of the CE marking is implemented,
- printing mistakes

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