

DECLARATION OF PERFORMANCE

N. CPR-ES2/0012

1 Unique identification code of the product-type	DESMOPOL
2 Intended uses	Single-component pure polyurethane system for intended use as a roof 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	AVCP-System 3
5 Harmonized standards	EAD 030350-00-0402
Notified bodies	INSTITUTO DE CIENCIAS DE LA CONSTRUCCIÓN EDUARDO TORROJA, N 1219 CSI S.p.A., N. 0497
European technical assessment	ETA 10/0121 last issued version 20/09/2022
6 Performances declared	
Essential characteristics	Performances
Minimum thickness:	1,2 mm.
Expected working life:	W3 (25 years)
Climatic zone of use:	S (severe)
User loads:	
Concrete	P4: TH2 // P3: TH4
Foam PU	P1:TH2
Roof slope:	S1 ~S4 (≥ 0º)
Minimum surface temperatures:	TL3 (-20ºC)
Maximum surface temperatures:	TH4-TH2
Water tightness:	Watertight
Resistance to wind loads:	Pass (>50kPa)
Resistance to water vapor:	μ = 2.500
Resistance to dynamic indentation:	I4
Resistance to static indentation:	
Steel, 250 N	L4
PU, 70N	L1
Resistance to fatigue movement:	1000 cycles, Pass
Resistance to low-temperature effects (-20ºC):	
Steel	I4
PU	I2
Resistance to high-temperature effects:	
Steel, 250 N, 60ºC	L4
PU, 70N, 60ºC	L1
PU, 250 N, 80ºC/90ºC	L4
PU, 70N, 80ºC/90ºC	---
Resistance to heat ageing(200 days exposed at 80ºC):	
Fatigue movement	Pass
Dynamic indentation (-20ºC) Steel/PU:	I4/I1
Tensile strength(initial/ageing)	5/6
Elongation (initial/ageing)	418/115
Resistance to UV radiation (5000 hours exposed):	
Dynamic indentation (-20ºC) Steel/PU	I4/I1
Tensile strength(initial/ageing)	5/6
Elongation (initial/ageing)	418/82
Fire reaction:	Euroclass E

External fire performance:	Broof (t1)+(t4)
Resistance to plant roots:	Resistant
7 Appropriate technical documentation	Not applicable

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,



23/03/2023



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 Sistemas S.L.U. makes available on the website along with this current Declaration of Performance.

DoP in Pdf format are available in the [Tecnopol website](#).

<i>Revision 0 notes:</i>	<i>First issue</i>
<i>Revision 1:</i>	<i>Updating information</i>

 <p>1219, ¡Error! No se encuentra el origen de la referencia.</p>	 <p>TECNOPOL SISTEMAS, S.L.U., Finlàndia, 33 08520 Les Franqueses del Vallès – Barcelona-Spain – www.tecnopolgroup.com</p>																														
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Note:

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

- NPD (No Performance Determined) values can be omitted by the CE marking,
- 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