DECLARATION OF PERFORMANCE

N. CPR-ES2/0001

1|Unique identification code of the product-type	**TECNOCOAT P-2049**
2|Intended uses	Two-component pure polyurea 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 AFITI-LICOF, N. 1168
European Technical Assessment	ETA 11/0357 last version issued on 23/03/2021
6|Performances declared	

Essential characteristics	Performances
Minimum thickness:	1,4 mm.
Expected working life:	W3 (25 years)
Climatic zone of use:	S (severe)
User loads:	
Concrete, steel, OSB (plywood)	P4: TH4 at W3
For all the rest substrates	P4:TH4 at W2
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 = 2.279
Resistance to dynamic indentation:	I4
Resistance to static indentation:	
Steel, 250 N	L4
Extruded polystyrene, 250 N	L4
Resistance to fatigue movement:	Pass
Resistance to low-temperature effects (-20°C):	1000 cycles, pass
Resistance to high-temperature effects:	
Steel, 250 N, 60°C	I4
Extruded polystyrene, 250 N, 60ºC	L4
Steel, 250 N, 90ºC	L4
Extruded polystyrene, 250 N,90ºC	L4
Resistance to heat aging (200 days at 80ºC):	L4
Fatigue movement	Pass
Dynamic indentation (-20°C)	I4
Tensile strength (initial/aging)	23/17 MPa
Tensile elongation (initial/aging)	315/326 %
Resistance to UV-radiation (5000 hours exposed):	
Dynamic indentation (-10°C)	I4
Tensile strength (initial/aging)	23/17 MPa
Tensile elongation (initial/aging)	315/372 %
Fire reaction:	Euroclass E
External fire performance:	Broof (t1)+t(2)+(t3)+(t4)
Resistance to plant roots:	Pass

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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 is available on the Tecnopol website.

Revision 0 notes:	*First issue*
Revision 1:	*Point 7 creation + Used Load Concrete at TH4+ European guide modification*
Revision 2:	*Updating information*

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CE 1219, 1168	**TECNOPOL SISTEMAS, S.L.U., Finlàndia, 33 08520 Les Franqueses del Vallès – Barcelona-Spain – www.tecnopolgroup.com**

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ETA 11/0357
TECNOCOAT P-2049
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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

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