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	System 3 System 3 (for reaction to fire)
5|Harmonized standards	GUIDE 005
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 ETAG 005, edition March 2004 guideline for European Technical Approval used according to CPR 305/2011 art. 66, 3rd subsection. The notified laboratory CSI S.p.A., N. 0497, carried out the assessment of the performance (reaction to fire) on the basis of testing on samples taken by the manufacturer.
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	P4: TH2 // P3: TH4
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
	Pass
Resistance to fatigue movement:	1000 cycles, pass
Resistance to low-temperature effects (-20°C):	I4
Resistance to high-temperature effects:	
Steel, 250 N, 60°C	L4
Extruded polystyrene, 250 N, 60ºC	L4
Steel, 250 N, 90ºC	L4
Extruded polystyrene, 250 N,90ºC	L4
Resistance to heat ageing (200 days at 80ºC):	
Fatigue movement	Pass
Dynamic indentation (-20°C)	I4
Tensile strength (initial/ageing)	23/17 MPa
Tensile elongation (initial/ageing)	315/326 %

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Resistance to UV-radiation (5000 hours exposed):	
Dynamic indentation (-10°C)	I4
Tensile strength (initial/ageing)	23/17 MPa
Tensile elongation (initial/ageing)	315/372 %
Fire reaction:	Euroclass E
External fire performance:	Broof (t1)+t(2)+ (t3)+(t4)
Resistance to plant roots:	Resistant

7|REACH information	the information referred to Article 31 or, as appropriate, to Article 33 of the REACH Regulation (EC) no. 1907/2006 and 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,

26/03/2020

DoP in Pdf format are available in the Tecnopol website.

Revision 0 notes:	*First issue*

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CE 1219, **Error! No s'ha trobat l'origen de la referència.**	**TECNOPOL SISTEMAS, S.L.U., Finlàndia, 33 08520 Les Franqueses del Vallès – Barcelona-Spain – www.tecnopolgroup.com**

20

CPR-ES2/0001

TECNOCOAT P-2049

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Resistance to plant roots:	Resistant

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:

- 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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