DECLARATION OF PERFORMANCE
N. CPR-ES2/0002

1|Unique identification code of the product-type	**TECNOCOAT CP-2049 SYSTEM**
2|Intended uses	Two-component 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
5|Harmonized standards	EAD 030350-00-0402 Edition 2018 (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 030350-00-0402, edition March 2018 guideline for European Technical Approval used according to CPR 305/2011 art. 66, 3rd subsection.
European Technical Assessment	ETA 20/0253 last version issued on 01/12/2021
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, steel	P4: TH2 // P3: TH4
PU foam	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)
Concrete	1,9 MPa
Steel	1,6 MPa
PU foam	0,2 MPa (cohesive support)
Resistance to water vapor:	μ = 2.500
Resistance to dynamic indentation:	
Concrete, steel	I4
PU foam	I2
Resistance to static indentation:	
Concrete, steel (250N)	L4
PU foam(70N)	I2
Resistance to fatigue movement:	Pass (1.000 cycles,-10ºC)
Resistance to low-temperature effects (-20°C):	
Concrete, steel	I4
PU foam	I2
Resistance to high-temperature effects:	
Concrete, steel(250N, 90ºC)	L4
PU foam(70N, 60ºC)	L1
Resistance to heat ageing (200 days at 80ºC):	
Fatigue movement Dynamic indentation (-20°C)	Pass, (50 cycles, -10ºC)

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Concrete, steel	I4
PU foam	I1
Tensile strength (initial/ageing)	5/6 MPa
Tensile elongation (initial/ageing)	418/115 %
Resistance to UV-radiation (5000 hours exposed):	
Dynamic indentation	
Concrete, steel	I4
PU foam	I1
Tensile strength (initial/ageing)	5/6 MPa
Tensile elongation (initial/ageing)	418/82 %
Resistance to water ageing (60 days)	
Concrete, steel(250N,90ºC)	L4
PU foam(70N,60ºC)	L1
Resistance to water ageing(180 days)	
Concrete, steel(250N,60º)	L4
Concrete, steel(250N,98º)	L3
Concrete, steel(250N,90º)	L2
Adherence	Pass ; concrete=1,2MPa
Fire reaction:	NPD
External fire performance:	Broof (t1)+(t4)
Resistance to plant roots:	Resistant
Effects of day joints:	2,1 MPa

7|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,

22/12/2021

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-ES2/0002
ETA 20/0253
TECNOCOAT CP-2049 SYSTEM
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Resistance to water vapor:	μ = 2.500
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External fire performance:	Broof (t1)+(t4)
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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