DECLARATION OF PERFORMANCE

N. CPR-ES2/0003

1|Unique identification code of the product-type	**TECNOCOAT H-2049**
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 System 3 (for reaction to fire)
5|Harmonized standards	EAD 030350-00-0402
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 Afiti-Licof, N. 1168, carried out the assessment of the performance (reaction to fire) on the basis of testing on samples taken by the manufacturer.
European Technical Assessment	ETA 11/0263 last version issued on 11/06/2021
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	P4: TH4-TH1
XPS	P3:TH4-TH1
Roof slope:	S1 ~S4 (≥ 0º)
Minimum surface temperatures:	TL3 (-20ºC)
Maximum surface temperatures:	TH4-TH1
Water tightness:	Watertight
Resistance to wind loads:	Pass (>50kPa)
Resistance to water vapor:	μ = 1.700
Resistance to dynamic indentation(23ºC):	
Resistance to static indentation:	
Steel, concrete, 250 N	I4
XPS, 250 N	I4
Resistance to static indentation(23ºC):	
Steel, concrete, 250 N	
XPS, 250N	L4
Resistance to fatigue movement:	L4
Resistance to low-temperature effects (-20°C),(dynamic indentation):	1.000 cycles, pass
Steel, concrete	I4
XPS	I4
Resistance to high-temperature effects (static indentation):	
Steel, Concrete 250 N, 90-30°C	L4
XPS, 200 N, 90-30ºC	L3

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Resistance to heat aging (200 days at 80ºC):	
Fatigue movement	Pass
Dynamic indentation, steel, concrete	I4
Dynamic indentation, XPS	I4
Tensile strength (initial/aging)	22/19 MPa
Elongation (initial/ageing)	403/380 %
Resistance to UV radiation (5.000 hours exposed):	
Dynamic indentation steel, concrete	I4
Dynamic indentation, XPS	I4
Tensile strength (initial/aging)	22/20 MPa
Elongation (initial/ageing)	390/386 %
Resistance to water ageing (60-180 days):	
Static indentation (60 days) Steel, concrete(250N):90-30ºC	L4
Static indentation (60 days) XPS(200N):90-30ºC	L3
Static indentation (180 days) Steel, concrete(250N):90ºC	L4
Static indentation (180 days) XPS(200N):30ºC	L3
	L2(150N):60ºC
Delamination strength (>50 kPa):	
Concrete	3,3-2,7 MPa
XPS	0,09-0,06 MPa
Fire reaction:	Euroclass E
External fire performance:	NPD
Resistance to plant roots:	In process

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,

14/07/2021

DoP in Pdf format is available on the Tecnopol website.

Revision 0 notes:	*First issue*

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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 20/0263
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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:

- 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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