DECLARATION OF PERFORMANCE

N. CPR-ES2/0015

1|Unique identification code of the product-type	**DESMOPOL DW**
2|Intended uses	Two-component polyurethane coating for intended use in concrete surface protection by protection against ingress; moisture control and increasing resistivity; physical resistance; chemical resistance methods
3|Manufacturer	TECNOPOL SISTEMAS, S.L.U. Finlàndia, 33 08520 Les Franqueses del Vallés – Barcelona-Spain www.tecnopolgroup.com – t. +34 935682111
4|Systems of AVCP	System 2+ System 3 (for reaction to fire)
5|Harmonized standards **Notified bodies**	EN 1504-2:2004 The notified body LGAI TECHNOLOGICAL CENTER, S. A./Applus, N. 0370, performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control. 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
Abrasion resistance:	Weight loss < 3000 mg
Permeability to CO_2:	Sd > 50 m
Water vapor permeability:	Class II
Capillary absorption and permeability to water:	< 0,1 kg/m^2·h$^{0.5}$
Resistance to thermal shock:	≥ 1,5 N/mm^2
Resistance to severe chemical attack:	Reduction hardness ≤ 50% (Shore D)
Group 9,	Class II (Slight loss of gloss)
Group 10,12	Class II
[Potassium Hydroxide 20%vol]	Class II (Loss of gloss)
Crack bridging ability	A4 (-10°C), B4,1(23°C)
Impact resistance:	Class II
Adhesion strength by pull-off test:	≥ 1,5 N/mm^2
Reaction to fire:	Class E
Dangerous substances:	NPD

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Legend for Resistance to severe chemical attack: groups numbers and related descriptions as per EN 13529	
Group 9:	**Aqueous solutions of organic acids up to 10%**
Group 10:	**Inorganic acids up to 20% and salts with acid hydrolysis in an aqueous solution (pH < 6) except for the hydrofluoric acid and oxidizing acids and their salts**
Group 12:	**Solutions of inorganic non-oxidizing salts with pH = 6 - 8**

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 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 Vallés,

25/05/2021

DoP in Pdf format is available on the Tecnopol website.

Revision 0 notes:	*First issue*
Revision 1:	*Point 7 creation*

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CE 0370, 0497	**TECNOPOL SISTEMAS, S.L.U., Finlàndia, 33 08520 Les Franqueses del Vallés – Barcelona-Spain –** www.tecnopolgroup.com

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CPR-ES2/0015

EN 1504-2:2004

DESMOPOL DW

Two-component polyurethane coating for intended use in concrete surface protection by protection against ingress; moisture control and increasing resistivity; physical resistance; chemical resistance methods

Abrasion resistance:	Weight loss < 3000 mg
Permeability to CO_2:	Sd > 50 m
Water vapor permeability:	Class II
Capillary absorption and permeability to water:	< 0,1 kg/m^2·h$^{0.5}$
Resistance to thermal shock:	≥ 1,5 N/mm^2
Resistance to severe chemical attack:	Reduction hardness ≤ 50% (Shore D)
Group 9,	Class II (Slight loss of gloss)
Group 10,12	Class II
[Potassium Hydroxide 20%vol]	Class II (Loss of gloss)
Crack bridging ability	A4 (-10°C), B4,1(23°C)
Impact resistance:	Class II
Adhesion strength by pull-off test:	≥ 1,5 N/mm^2
Reaction to fire:	Euroclass E
Dangerous substances:	NPD

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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