CE
1168 | 1722

DoP - DECLARATION of PERFORMANCE

Construction Products Regulation nª305/2011

CPR-ES2-0034

Manufacturer	TECNOPOL SISTEMAS, S.L.
Adress	Finlàndia, 33 08520 Les Franqueses del Vallès · Barcelona · Spain
Contact	t +34 935 682 111 · f +34 935 68 0211 · www.tecnopolgroup.com · info@tecnopol.es
Unique identification code of the product type	**TECNOFOAM G-2040 FR** Free of fluorinated gases (European Regulation 517/2014) **PU** EN 14315-1-CCC2-CT3(20)-GT7(20)-TFT18(20)-FRB37(20)-W0,2-MU70 –CS(10/Y)20
Intended use/es	ThIB - Thermal insulation of buildings - In-situ formed dispensed rigid polyurethane foam system (PU)
System/s of AVCP	System AVCP 3 for the rest of the essential characteristics
Harmonized standard	EN 14315-1 and 2:2013
Notified body/ies	The notified testing laboratory CEIS/CENTRO DE ENSAYOS, INNOVACION Y SERVICIOS (1722) performed the test reports on the other declared characteristics The notified body AFITI (1168), carried out the assessment of the performance (reaction to fire) on the basis of testing on samples taken by the manufacturer
Date of revision	11-09-2019

DECLARED PERFORMANCES

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	M1	UNE 23721:1990
Water permeability	Short-term water absorption by partial immersion: ≤0,2 kg/m²	EN 1609
Thermal resistance	See performance chart	EN 12667 1:202
Water vapor permeability	Water vapor resistance factor: μ=70	EN 12086
Compressive strength	200 KPa	EN 826:1996
The durability of reaction to fire against aging/degradation	Reaction to fire does not decrease with time	EN 14315 1:2013
The durability of thermal resistance against aging/degradation	See performance chart	EN 14315 1:2013
The durability of the compressive strength against aging/degradation	Compressive strength does not decrease with time	EN 14315 1:2013
Continuous glowing combustion	No harmonized test method available	EN 14315 1:2013

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PERFORMANCE CHART

Total thickness	Declared aged thermal conductivity W/m·K	Thermal resistance level R=m2 ·K/W
30 mm	0,030	1,00
35 mm	0,030	1,16
40 mm	0,030	1,33
45 mm	0,030	1,50
50 mm	0,030	1,67
55 mm	0,030	1,80
60 mm	0,030	2,00
65 mm	0,030	2,16
70 mm	0,030	2,33
75 mm	0,030	2,50
80 mm	0,030	2,66
85 mm	0,030	2,80
90 mm	0,030	3,00
95 mm	0,030	3,17
100 mm	0,030	3,33
105 mm	0,030	3,50
110 mm	0,030	3,66
115 mm	0,030	3,83
120 mm	0,030	4,00
125 mm	0,030	4.16
130 mm	0,030	4,33
135 mm	0,030	4,50
140 mm	0,030	4,66
145 mm	0,030	4,83
150 mm	0,030	5,00

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Total thickness	Declared aged thermal conductivity W/m·K	Thermal resistance level R=m2 ·K/W
155 mm	0,030	5,17
160 mm	0,030	5,33
165 mm	0,030	5,50
170 mm	0,030	5,66
175 mm	0,030	5,83
180 mm	0,030	6,00

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 Sanchez
Tecnopol Technical Manager

DoP in Pdf format available in the Tecnopol website.

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