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Declaration of Performance

(Construction Products Regulation No. 305/2011)

No. ES19-0013-03-CPR-17

EN

1.	Unique identification code of the product type:	**In-situ formed sprayed rigid polyurethane foam system (PU):** - **Elastospray LWP 1672/1/I : IsoPMDI 92140** Designation Code: **PU EN 14315-1-CCC4-CT4(20)-GT7(20)-TFT9(20)-FRB33(20)-W0,2-CS(10/Y)200-DLT(2)5-MU70-A3** - **Elastospray LWP 1672/1/V : IsoPMDI 92140** Designation Code: **PU EN 14315-1-CCC4-CT4(20)-GT8(20)-TFT10(20)-FRB33(20)-W0,2-CS(10/Y)200-DLT(2)5-MU70-A3**
2.	Intended use/es:	**ThIB - Thermal Insulation for Buildings**
3.	Manufacturer:	**BASF Española S.L.** **Calle Verdi, 36-38** **E-08191 Rubí** **SPAIN**
4.	Authorised representative:	**Not relevant.**
5.	System/s of AVCP:	**System AVCP 3 for all essential characteristics.**
6a.	Harmonised standard: Notified body/ies:	**EN 14315-1:2013** **The notified testing laboratory LGAI TECHNOLOGICAL CENTER, S. A./Applus (0370) performed the test reports on Reaction to fire declared under system AVCP 3 (No. 16/13102-1920).** **The notified testing laboratory Forschungsinstitut für Wärmeschutz e. V. München (0751) performed the test reports on Thermal resistance declared under system AVCP 3 (No. L1-16-007B).** **The notified testing laboratory CEIS/CENTRO DE ENSAYOS, INNOVACION Y SERVICIOS (1722) performed the test reports on the other declared charasteristics under system AVCP 3 (No. CAT-0038/17-1).**
6b.	European Assessment Document: European Technical Asessment: Technical Assessment Body: Notified body/ies:	**Not relevant.**

7. Declared performance/s:

Essential characteristics	*Performance*	*Harmonized technical specification*
Reaction to fire	E	EN 13501-1
Water permeability	Short term water absorption by partial immersion: 0,20 kg/m2	EN 1609 Method B
Thermal resistance	See performance chart	EN 14315-1:2013
Water vapour permeability	Water vapour resistance factor: 70	EN 12086 Method A
Compressive strength	Compressive stress at 10% deformation: ≥ 200 kPa	EN 826
Durability of reaction to fire against ageing/degradation	Reaction to fire does not decrease with time	EN 14315-1:2013
Durability of thermal resistance against ageing/degradation	See performance chart	EN 14315-1:2013
Durability of compressive strength against ageing/degradation	Compression strength does not decrease with time	EN 14315-1:2013
Continuous glowing combustion	No harmonized test method available	EN 14315-1:2013

Performance chart

Type of facing: Faced with diffusion open facings		
Thickness	**Declared aged thermal conductivity** λ_D W/m·K	**Thermal resistance level** R_D m^2·K/W
30 mm	0,028	1,05
35 mm	0,028	1,25
40 mm	0,028	1,45
45 mm	0,028	1,60
50 mm	0,028	1,80
55 mm	0,028	2,00
60 mm	0,028	2,15
65 mm	0,028	2,35
70 mm	0,028	2,55
75 mm	0,028	2,70
80 mm	0,028	2,90
85 mm	0,028	3,10
90 mm	0,028	3,25
95 mm	0,028	3,45
100 mm	0,028	3,65
105 mm	0,028	3,80
110 mm	0,028	4,00
115 mm	0,028	4,20
120 mm	0,028	4,35
125 mm	0,028	4,55
130 mm	0,028	4,75
135 mm	0,028	4,90
140 mm	0,028	5,10
145 mm	0,028	5,30
150 mm	0,028	5,45
155 mm	0,028	5,65
160 mm	0,028	5,85
165 mm	0,028	6,00
170 mm	0,028	6,20
175 mm	0,028	6,40
180 mm	0,028	6,55
185 mm	0,028	6,75
190 mm	0,028	6,95
195 mm	0,028	7,10
200 mm	0,028	7,30

8. Appropriate Technical Documentation and/or Specific Technical Documentation:

Not relevant.

The performance of the product identified above is in conformity with the set of declared performance/s. 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:

Name and function	*Place and date of issue*	*Signature*
Carles VILADOMAT FRANCÀS **Business Manager Construction**	**Barcelona (Spain)** **30/01/2018**	
Sergi HUGUET TORRELL **Site Manager Plant Rubí**	**Barcelona (Spain)** **30/01/2018**	