PLIXXENT.
pure EXXCELLENCE

DECLARATION OF PERFORMANCE
Nº 0009-01-CPR-2021

1. Unique identification code of the product-type:
   PLIXXOPOL SF 8712P: Desmodur 44V20L
   Designation code. **PU EN 14315-1-CCC4-CT2(21)-GT5(21)-TFT8(21)-FRB54(21)-CS(10\Y)300-W0,20-MU80**

2. Intended use:
   ThIB – Thermal Insulation for Buildings

3. Name and contact address of the manufacturer:
   PLIXXENT S.L.
   Polígono Químico Sur (Acceso Vial dels Prats) - 43110 LA CANONJA (Tarragona), ESPAÑA

4. System of assessment and verification of constancy of performance:
   System AVCP 3

5. Harmonized Standard: **EN 14315-1:2013**

   Notified bodies:
   APPLUS / LGAI Technological Center, S.A. (370)
   (Performed task) Test reports on reaction to fire
   (System of assessment) AVCP 3
   (Test report) Dossier 19/21471-2598-2

   LNE / Laboratoire National deMétrologie et d´Essais (0071)
   (Performed task) test reports on the other declared characteristics
   (System of assessment) EVCP 3
   (Test report) Dossier P196206 Document DEC / 1-4

   CEIS / Centro de ensayos, innovación y servicios (1722)
   Performed task) test reports on the other declared characteristics
   (System of assessment) EVCP 3
   (Test report): Informe CAT 0012/21 1

6. Declared performance

Essential characteristics	*Performance*	*Harmonized technical specification*
Thermal resistance	See performance chart	EN 14315-1:2013
Reacion to fire	E	EN 13501-1
Close cell content	≥ 90%, CCC – 4	EN 14315-1:2013
Water vapour permeability (expressed as water vapour resistance factor μ)	80	UNE-EN12086:2013
Compressive strength (kPa)	300	UNE-EN 826:2013
Durability of reaction to fire against ageing/degradation	Reaction to fire does not decrease with time	EN 14315-1:2013
Durability of termal resistance against ageing/degradation	See performance chart	EN 14315-1:2013
Durability of compressive strength against ageing/degradation	Compressive strength does not decrease with time	EN 14315-1:2013
Water permeability (expressed as short term water absorption by partial immersión in kg/m2)	<0,2	UNE-EN 1609:2013
Continuous glowing combustion	No performance declared (NPD)	No harmonized test method available

Performance chart:

Type of facing: None or diffusion open		
Thickness	**Declared aged thermal conductivity (λ_D)** W/m·K	**Thermal resistance level (R_D)** m^2·K/W
40 mm	0,028	1,45
45 mm	0,028	1,60
50 mm	0,028	1,80
55 mm	0,028	1,95
60 mm	0,028	2,15
65 mm	0,028	2,35
70 mm	0,028	2,50
75 mm	0,028	2,70
80 mm	0,027	3,00

- The performance of the product identified above (see clause 1) is in conformity with the set of declared performances (see clause 6).
- This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above (see clause 3).
- Signed for and on behalf of the manufacturer by:

Signature

Benjamin Meseguer Vidagany

Firmado digitalmente por Benjamin Meseguer Vidagany
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Dr. Benjamin Meseguer Vidagany
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PLIXXENT, S.L.
Systems House Iberia

Place and date of emision

PLIXXENT, S.L. NIF. B-88224888 Polígono Químico de Tarragona (acceso Vial dels Prats) 43110 La Canonja - Tarragona

La Canonja (Spain), 21-04-2021