

Declaration of Performance

(Construction Products Regulation No. 305/2011)

No. ES19-0007-02-CPR-14

EN

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| 1. | Unique identification code of the product type: | <p>In-situ formed sprayed rigid polyurethane foam system (PU):</p> <p>- Elastospray 1623/14/45I : IsoPMDI 92140 Designation Code: PU EN 14315-1-CCC4-CT4(23)-GT7(23)-TFT8(23)-FRB37(23)-W0,2-CS(10/Y)300-CC(3/2,5/10)90-MU80</p> |
| 2. | Intended use/es: | ThiB - Thermal Insulation for Buildings |
| 3. | Manufacturer: | <p>BASF Española S.L. Calle Verdi, 36-38 E-08191 Rubí SPAIN</p> |
| 4. | Authorised representative: | Not relevant. |
| 5. | System/s of AVCP: | System AVCP 3 for all essential characteristics. |
| 6a. | Harmonised standard: Notified body/ies: | <p>EN 14315-1:2013</p> <p>The notified testing laboratory ASOCIACION PARA EL FOMENTO DE LA INVESTIGACIÓN Y LA TECNOLOGIA DE LA SEGURIDAD CONTRA INCENDIOS (AFITI-LICOF) (1168) performed the test reports on Reaction to fire declared under system AVCP 3.</p> <p>The notified testing laboratory CEIS/CENTRO DE ENSAYOS, INNOVACION Y SERVICIOS (1722) performed the test reports on the other declared characteristics under system AVCP 3.</p> |
| 6b. | European Assessment Document: European Technical Assessment: Technical Assessment Body: Notified body/ies: | Not relevant. |

7. Declared performance/s:

| <i>Essential characteristics</i> | <i>Performance</i> | <i>Harmonized technical specification</i> |
|---|--|---|
| Reaction to fire | E,d0 | EN 13501-1 |
| Water permeability | Short term water absorption by partial immersion: 0,2 kg/m ² | EN 1609 Method B |
| Thermal resistance | See performance chart | EN 14315-1:2013 |
| Water vapour permeability | Water vapour resistance factor: 80 | EN 12086 Method A |
| Compressive strength | Compressive stress at 10% deformation: ≥ 300 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 |
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Performance chart



| Type of facing: None or diffusion open | | |
|--|--|--|
| Thickness | Declared aged thermal conductivity λ_D W/m·K | Thermal resistance level R_D $m^2 \cdot K/W$ |
| 30 mm | 0,028 | 1,05 |
| 35 mm | 0,028 | 1,25 |
| 40 mm | 0,028 | 1,40 |
| 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 | 2,30 |
| 70 mm | 0,028 | 2,50 |
| 75 mm | 0,028 | 2,70 |
| 80 mm | 0,027 | 3,00 |
| 85 mm | 0,027 | 3,20 |
| 90 mm | 0,027 | 3,40 |
| 95 mm | 0,027 | 3,55 |
| 100 mm | 0,027 | 3,75 |
| 105 mm | 0,027 | 3,95 |
| 110 mm | 0,027 | 4,15 |
| 115 mm | 0,027 | 4,30 |
| 120 mm | 0,026 | 4,70 |
| 125 mm | 0,026 | 4,90 |
| 130 mm | 0,026 | 5,10 |
| 135 mm | 0,026 | 5,30 |
| 140 mm | 0,026 | 5,45 |
| 145 mm | 0,026 | 5,65 |
| 150 mm | 0,026 | 5,85 |
| 155 mm | 0,026 | 6,05 |
| 160 mm | 0,026 | 6,25 |
| 165 mm | 0,026 | 6,45 |
| 170 mm | 0,026 | 6,65 |
| 175 mm | 0,026 | 6,85 |
| 180 mm | 0,026 | 7,05 |
| 185 mm | 0,026 | 7,25 |
| 190 mm | 0,026 | 7,45 |
| 195 mm | 0,026 | 7,65 |
| 200 mm | 0,026 | 7,85 |

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:

| <i>Name and function</i> | <i>Place and date of issue</i> | <i>Signature</i> |
|---|---------------------------------|---|
| Dagoberto SCHMID MATA Head of Product Stewardship - Business Center Europe South | Barcelona (Spain) 13/01/2015 |  |
| Carles VILADOMAT FRANÇÀS Business Manager Construction | Barcelona (Spain) 13/01/2015 |  |