BASF
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# Declaration of Performance

(Construction Products Regulation No. 305/2011)

## No. 3G04-0001-02-CPR-14

EN

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|---|---|---|
| 1. | Unique identification code of the product type: | **In-situ formed sprayed rigid polyurethane foam system (PU):**<br>- **Elastospray 1629/1 : IsoPMDI 92140**<br>Designation Code: **PU EN 14315-1-CCC4-CT4(20)-GT8(20)-TFT9(20)-FRB32.1(20)** |
| 2. | Intended use/es: | **ThIB - Thermal Insulation for Buildings** |
| 3. | Manufacturer: | **BASF Plc**<br>**Wimsey Way. Somercotes**<br>**DE55 4NL Alfreton**<br>**UNITED KINGDOM** |
| 4. | Authorised representative: | **Not relevant.** |
| 5. | System/s of AVCP: | **System AVCP 3 for all essential characteristics.** |
| 6a. | Harmonised standard:<br>Notified body/ies: | **EN 14315-1:2013**<br>**The notified testing laboratory BRE Global Limited (0832) performed the test reports on Reaction to fire declared under system AVCP 3 (No. 29579-2).**<br>**The notified testing laboratory British Board of Agrement (0836) performed the test reports on Thermal resistance declared under system AVCP 3 (No. 57096TH Series).** |
| 6b. | European Assessment Document:<br>European Technical Asessment:<br>Technical Assessment Body:<br>Notified body/ies: | **Not relevant.** |

7. Declared performance/s:

| *Essential characteristics* | *Performance* | *Harmonized technical specification* |
|---|---|---|
| Reaction to fire | E | EN 13501-1 |
| Water permeability | No performance declared (NPD) | EN 1609 Method B |
| Thermal resistance | See performance chart | EN 14315-1:2013 |
| Water vapour permeability | No performance declared (NPD) | EN 12086 Method A |
| Compressive strength | No performance declared (NPD) | 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 | No performance declared (NPD) | 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** $\lambda_D$ W/m·K | **Thermal resistance level** $R_D$ $m^2 \cdot K/W$ |
| 30 mm | 0.028 | 1.10 |
| 35 mm | 0.028 | 1.25 |
| 40 mm | 0.028 | 1.45 |
| 45 mm | 0.028 | 1.65 |
| 50 mm | 0.028 | 1.80 |
| 55 mm | 0.028 | 2.00 |
| 60 mm | 0.028 | 2.20 |
| 65 mm | 0.028 | 2.35 |
| 70 mm | 0.028 | 2.55 |
| 75 mm | 0.028 | 2.75 |
| 80 mm | 0.026 | 3.05 |
| 85 mm | 0.026 | 3.25 |
| 90 mm | 0.026 | 3.45 |
| 95 mm | 0.026 | 3.65 |
| 100 mm | 0.026 | 3.85 |
| 105 mm | 0.026 | 4.00 |
| 110 mm | 0.026 | 4.20 |
| 115 mm | 0.026 | 4.40 |
| 120 mm | 0.025 | 4.80 |
| 125 mm | 0.025 | 5.00 |
| 130 mm | 0.025 | 5.20 |
| 135 mm | 0.025 | 5.40 |
| 140 mm | 0.025 | 5.60 |
| 145 mm | 0.025 | 5.80 |
| 150 mm | 0.025 | 6.00 |
| 155 mm | 0.025 | 6.20 |
| 160 mm | 0.025 | 6.40 |
| 165 mm | 0.025 | 6.60 |
| 170 mm | 0.025 | 6.80 |
| 175 mm | 0.025 | 7.00 |
| 180 mm | 0.025 | 7.20 |
| 185 mm | 0.025 | 7.40 |
| 190 mm | 0.025 | 7.60 |
| 195 mm | 0.025 | 7.80 |
| 200 mm | 0.025 | 8.00 |

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* |
|---|---|---|
| **Christopher GATER**<br>**Sales Construction UK** | **Alfreton (United Kingdom)**<br>**08/08/2019** | |
| **Nicholas MAYBURY**<br>**Operations PU Alfreton** | **Alfreton (United Kingdom)**<br>**08/08/2019** | |