# Declaration of Performance

**No. NL17-0015-04-CPR-17**

**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-C4C4-CT4(20)-GT120-TFT9(20)-FRB333,5(20)-W0,2-C5(10)/y200-DLT(2)5-MU70-A3

- Elastospray LWP 1672/1/V : IsoPMDI 92140  
  **Designation Code:** PU EN 14315-1-C4C4-CT4(20)-GT120-TFT10(20)-FRB333,5(20)-W0,2-C5(10)/y200-DLT(2)5-MU70-A3

**2. Intended use/ies:**

ThIB - Thermal Insulation for Buildings

**3. Manufacturer:**

BASF Nederland B.V.  
Hemelrijk 11-13  
5281 PS Boxtel  
NETHERLANDS

**4. Authorised representative:**

Not relevant.

**5. System/s of AVCP:**

System AVCP 3 for all essential characteristics.

**6a. Harmonised standard:**

EN 14315-1:2013 + NB-CPR/SG19-17/167r2 (24/01/2018)

The notified testing laboratory ASOCIACIÓN PARA EL FOMENTO DE LA INVESTIGACIÓN Y LA TECNOLOGÍA DE LA SEGURIDAD CONTRA INCENDIOS (APTI-UICOF) (1168) performed the test reports on Reaction to fire declared under system AVCP 3 (No. 3213717-2).

The notified testing laboratory Centre Scientifique et Technique du Bâtiment (CSTB) (0679) performed the test reports on Thermal resistance declared under system AVCP 3 (No. E18-G07).

The notified testing laboratory CED/CENTRO DE ENSAYOS, INNOVACION Y SERVICIOS (1722) performed the test reports on the other declared characteristics under system AVCP 3 (No. CAT-0038(1-7)).

**6b. European Assessment Document:**

European Technical Assessment:  
Technical Assessment Body:  
Notified body/ies:  
Not relevant.
<table>
<thead>
<tr>
<th>Essential characteristics</th>
<th>Performance</th>
<th>Harmonized technical specification</th>
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</thead>
<tbody>
<tr>
<td>Reaction to fire</td>
<td>E</td>
<td>EN 15001-1</td>
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<tr>
<td>Water permeability</td>
<td>Short term water absorption by partial immersion: 0,20 kg/m²</td>
<td>EN 1609 Method B</td>
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<tr>
<td>Thermal resistance</td>
<td>See performance chart</td>
<td>EN 14315-1:2013 + NB-CPR/SG19-17/167r2 (24/03/2018)</td>
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<tr>
<td>Water vapour permeability</td>
<td>Water vapour resistance factor: 70</td>
<td>EN 12086 Method A</td>
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<tr>
<td>Compressive strength</td>
<td>Compressive stress at 10% deformation: ≥ 200 kPa</td>
<td>EN 826</td>
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<tr>
<td>Durability of reaction to fire against ageing/degradation</td>
<td>Reaction to fire does not decrease with time</td>
<td>EN 14315-1:2013</td>
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<tr>
<td>Durability of thermal resistance against ageing/degradation</td>
<td>See performance chart</td>
<td>EN 14315-1:2013 + NB-CPR/SG19-17/167r2 (24/01/2018)</td>
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<tr>
<td>Durability of compressive strength against ageing/degradation</td>
<td>Compression strength does not decrease with time</td>
<td>EN 14315-1:2013</td>
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<tr>
<td>Continuous glowing combustion</td>
<td>No harmonized test method available</td>
<td>EN 14315-1:2013</td>
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### Performance chart

<table>
<thead>
<tr>
<th>Thickness (mm)</th>
<th>Declared aged thermal conductivity $\lambda_a$ (W/m·K)</th>
<th>Thermal resistance level $R_0$ (m²·K/W)</th>
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8. Appropriate Technical Documentation and/or Specific Technical Documentation: SP-10/17

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:

<table>
<thead>
<tr>
<th>Name and function</th>
<th>Place and date of issue</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cees MOORMAN</td>
<td>Boxtel (Netherlands)</td>
<td></td>
</tr>
<tr>
<td>Business Manager Construction</td>
<td>29-7-2019</td>
<td></td>
</tr>
<tr>
<td>Marno DINGENOUTS</td>
<td>Boxtel (Netherlands)</td>
<td></td>
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<tr>
<td>Site Manager Plant Boxtel</td>
<td>29-7-2019</td>
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