

DECLARATION OF PERFORMANCE

N. CPR-ES2/0022

| | |
|---|--|
| 1 Unique identification code of the product-type | TECNOFOAM G-2050 |
| 2 Intended uses | In-situ formed sprayed rigid polyurethane foam product for thermal insulation of walls, ceilings, roofs suspended ceilings and floors. |
| 3 Manufacturer | TECNOPOL SISTEMAS, S.L.U. Finlàndia, 33 08520 Les Franqueses del Vallès – Barcelona-Spain www.tecnopolgroup.com – t. +34 935682111 |
| 4 Systems of AVCP | AVCP-System 3 |
| 5 Harmonized standards Notified bodies | EN 14315-1:2013 LGAI TECHNOLOGICAL CENTER, S.A/Apllus N.0370 CEIS/CENTRO DE ENSAYOS, INNOVACION Y SERVICIOS N.1722 |
| 6 Performances declared | |
| Essential characteristics | Performances |
| Reaction to fire: | Euroclass E |
| Water permeability: | Short-term water absorption by partial immersion: ≤0,07 kg/sqm |
| Thermal resistance: | See the performance chart |
| Water vapor permeability: | μ=31 |
| Compressive strength: | CS(10\Y)300 |
| The durability of reaction to fire against aging/degradation: | Reaction to fire does not decrease with time |
| The durability of thermal resistance against aging/degradation: | See the performance chart |
| The durability of the compressive strength against aging/degradation: | Compressive strength does not decrease with time |
| Continuous glowing combustion: | No harmonized test method is available. |

PERFORMANCE CHART

Closed-cell CCC2 polyurethane foam without coatings or diffusion-open surfaces.

| Total thickness | Declared aged thermal conductivity W/m-K -K | Thermal resistance level R=m² ·K/W |
|------------------------|--|--|
| 30mm | 0,033 | 0,90 |
| 35mm | 0,033 | 1,10 |
| 40mm | 0,033 | 1,20 |
| 45mm | 0,033 | 1,40 |
| 50mm | 0,033 | 1,50 |
| 55mm | 0,033 | 1,70 |
| 60mm | 0,033 | 1,80 |
| 65mm | 0,033 | 2,00 |
| 70mm | 0,033 | 2,10 |
| 75mm | 0,033 | 2,30 |
| 80mm | 0,033 | 2,40 |
| 85mm | 0,033 | 2,60 |
| 90mm | 0,033 | 2,70 |
| 95mm | 0,033 | 2,90 |
| 100mm | 0,033 | 3,00 |
| 105mm | 0,033 | 3,20 |
| 110mm | 0,033 | 3,35 |
| 115mm | 0,033 | 3,50 |
| 120mm | 0,033 | 3,60 |
| 125mm | 0,033 | 3,80 |
| 130mm | 0,033 | 3,95 |
| 135mm | 0,033 | 4,00 |
| 140mm | 0,033 | 4,25 |
| 145mm | 0,033 | 4,50 |
| 150mm | 0,033 | 4,60 |
| 155mm | 0,033 | 4,70 |
| 160mm | 0,033 | 4,90 |
| 165mm | 0,033 | 5,00 |
| 170mm | 0,033 | 5,20 |
| 175mm | 0,033 | 5,30 |
| 180mm | 0,033 | 5,50 |

The performance of the product identified above is in conformity with the set of declared performances.

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: **David Pont – Technical Service Manager**



**Les Franqueses del Vallès,
01/10/2023**



REACH information: the information referred to Article 31 or, as appropriate, to Article 33 of the REACH Regulation (EC) No 1907/2006 and the following amendments are indicated in the Safety Data Sheet that Tecnopol Sistemas S.L.U. makes available on the website along with this current Declaration of Performance.

DoP in Pdf format is available on the Tecnopol website.

| | |
|--------------------------|---|
| <i>Revision 0 notes:</i> | <i>First issue</i> |
| <i>Revision 1:</i> | <i>Updating tests according to the EN 14315:2013 and reaction to the fire according to the EN-13501</i> |
| <i>Revision 2:</i> | <i>Updating information</i> |
| <i>Revision 3:</i> | <i>Updating information(conductivity)</i> |

| | | | | | | | | | | | | | | | | | | | |
|---|--|-------------------|-------------|---------------------|--|---------------------|---------------------------|---------------------------|----------|-----------------------|-------------|---|--|---|---------------------------|---|--|--------------------------------|---|
|  1722, 0370 |  TECNOPOL SISTEMAS, S.L.U., Finlàndia, 33 08520 Les Franqueses del Vallès – Barcelona-Spain – www.tecnopolgroup.com | | | | | | | | | | | | | | | | | | |
| 20 CPR-ES2/0022 EN 14315-1:2013 TECNOFOAM G-2050 In-situ formed sprayed rigid polyurethane foam product for thermal insulation of walls, ceilings, roofs suspended ceilings, and floors | | | | | | | | | | | | | | | | | | | |
| <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; padding-right: 10px;">Reaction to fire:</td> <td>Euroclass E</td> </tr> <tr> <td style="padding-right: 10px;">Water permeability:</td> <td>Short-term water absorption by partial immersion: $\leq 0,07$ kg/sqm</td> </tr> <tr> <td style="padding-right: 10px;">Thermal resistance:</td> <td>See the performance chart</td> </tr> <tr> <td style="padding-right: 10px;">Water vapor permeability:</td> <td>$\mu=31$</td> </tr> <tr> <td style="padding-right: 10px;">Compressive strength:</td> <td>CS(10\Y)300</td> </tr> <tr> <td style="padding-right: 10px;">The durability of reaction to fire against aging/degradation:</td> <td>Reaction to fire does not decrease with time</td> </tr> <tr> <td style="padding-right: 10px;">The durability of thermal resistance against aging/degradation:</td> <td>See the performance chart</td> </tr> <tr> <td style="padding-right: 10px;">The durability of the compressive strength against aging/degradation:</td> <td>Compressive strength does not decrease with time</td> </tr> <tr> <td style="padding-right: 10px;">Continuous glowing combustion:</td> <td>No harmonized test method is available.</td> </tr> </table> | | Reaction to fire: | Euroclass E | Water permeability: | Short-term water absorption by partial immersion: $\leq 0,07$ kg/sqm | Thermal resistance: | See the performance chart | Water vapor permeability: | $\mu=31$ | Compressive strength: | CS(10\Y)300 | The durability of reaction to fire against aging/degradation: | Reaction to fire does not decrease with time | The durability of thermal resistance against aging/degradation: | See the performance chart | The durability of the compressive strength against aging/degradation: | Compressive strength does not decrease with time | Continuous glowing combustion: | No harmonized test method is available. |
| Reaction to fire: | Euroclass E | | | | | | | | | | | | | | | | | | |
| Water permeability: | Short-term water absorption by partial immersion: $\leq 0,07$ kg/sqm | | | | | | | | | | | | | | | | | | |
| Thermal resistance: | See the performance chart | | | | | | | | | | | | | | | | | | |
| Water vapor permeability: | $\mu=31$ | | | | | | | | | | | | | | | | | | |
| Compressive strength: | CS(10\Y)300 | | | | | | | | | | | | | | | | | | |
| The durability of reaction to fire against aging/degradation: | Reaction to fire does not decrease with time | | | | | | | | | | | | | | | | | | |
| The durability of thermal resistance against aging/degradation: | See the performance chart | | | | | | | | | | | | | | | | | | |
| The durability of the compressive strength against aging/degradation: | Compressive strength does not decrease with time | | | | | | | | | | | | | | | | | | |
| Continuous glowing combustion: | No harmonized test method is available. | | | | | | | | | | | | | | | | | | |

Note:

TECNOPOL SISTEMAS S.L.U, supplies the current annex along with the DoP to make the consultancy of the CE marking easier for the international clients. The enclosed CE marking can be slightly different compared to the one printed on the relevant packaging or documentation because of:

- NPD (No Performance Determined) values can be omitted by the CE marking,
- graphic adaptations due to lack of space on the packaging or printing methods used,
- different language (the same packaging can be shared by several countries),
- the product is already in stock when the updating of the CE marking is implemented,
- printing mistakes