



## DECLARATION OF PERFORMANCE

N° 00700134

- |                                                                                                                                                            |                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| 1. Unique identification code of the product-type:                                                                                                         | <b>RAVATHERM™ XPS X 700 SL</b>                                                            |
| 2. Type, batch or serial number:                                                                                                                           | <b>GMID 00114806</b><br><b>Lot N° 9910065011</b><br><b>Thickness 120 mm</b>               |
| 3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification as foreseen by the manufacturer: | <b>Thermal Insulation for Buildings (ThIB)</b><br><b>XPS/EN13164:2012+A1:2015</b>         |
| 4. Name and contact address of the manufacturer                                                                                                            | <b>Ravago Building Solutions SA</b><br><b>76, Rue de Merl</b><br><b>L-2146 Luxembourg</b> |
| 6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:                         | <b>AVCP - System 3</b>                                                                    |
| 7. Name and identification number of notified body                                                                                                         | <b>FIW (N° 751); CSTB (N° 679)</b>                                                        |
| 9. Declared Performance - Essential characteristic - (EN13164-ZA1)                                                                                         |                                                                                           |

|                                                                               |                                                                            |                                             |         |
|-------------------------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------------------|---------|
| Thermal resistance                                                            | Thermal resistance                                                         | 3,85                                        | m2.k/W  |
|                                                                               | Declared thermal conductivity                                              | 0,031                                       | W/m.K   |
|                                                                               | Thickness                                                                  | 120                                         | mm      |
| Dimensional tolerances                                                        |                                                                            | T                                           | 1       |
| Compressive strength                                                          |                                                                            | CS(10\Y)                                    | 700     |
| Tensile strength perpendicular to faces                                       |                                                                            | TR                                          | NPD     |
| Shear strength                                                                |                                                                            | SS                                          | NPD     |
| Reaction to fire                                                              |                                                                            | Euro-Class                                  | E       |
| Continuous glowing combustion                                                 |                                                                            | -                                           | -       |
| Water permeability                                                            | Long term water absorption by total immersion                              | WL(T)                                       | 0,7     |
|                                                                               | Long term water absorption by diffusion                                    | WD(V)                                       | 1       |
| Water vapor permeability                                                      | Water vapor diffusion resistance factor                                    | MU                                          | NPD     |
| Durability of compressive strength against ageing/degradation                 | Compressive creep                                                          | CC (2/1,5/50)                               | 250     |
| Durability of reaction to fire against heat, weathering, ageing/degradation   | No change in Reaction to fire properties for extruded polystyrene foam.    |                                             |         |
| Durability of thermal resistance against heat, weathering, ageing/degradation | Thermal resistance and thermal conductivity                                | see above R <sub>0</sub> and λ <sub>0</sub> |         |
|                                                                               | Freeze/thaw resistance after long term water absorption by diffusion       | FTCD                                        | 1       |
|                                                                               | Freeze/thaw resistance after long term water absorption by total immersion | FTCI                                        | NPD     |
|                                                                               | Dimensional stability under specified temperature and humidity conditions  | DS                                          | (70,90) |
|                                                                               | Deformation under specified compressive load and temperature conditions    | DLT                                         | (2)5    |
| Dangerous substances                                                          | Release of dangerous substances to the indoor environment                  | -                                           | -       |

«NPD» (No Performance Determined)

10. The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of conformity is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified

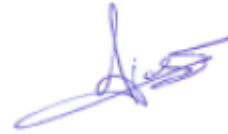
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by

**Patrick Cabuy**

Business director XPS

L-Luxembourg



Date of issue: **1<sup>st</sup> February 2024**

Print Date: **17<sup>th</sup> February 2025**

Numbering according to CPR (Regulation EU No 305/2011) Annex III - only relevant items are listed.