



## DECLARATION OF PERFORMANCE

N° 700360

- |                                                                                                                                                            |                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| 1. Unique identification code of the product-type:                                                                                                         | <b>RAVATHERM™ XPS X PRIME 300 SL</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>                                            |
| 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 (0751) - LNE (0071) - CSTB (0679) - ÉMI (1415) - OFI (1085)</b>                    |

### 9. Declared Performance - Essential characteristic - EN 13164:2012+A1:2015

|                                                                               |                                                                            |                                                  |                |
|-------------------------------------------------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------|----------------|
| Thermal resistance [R <sub>D</sub> ]                                          | Thermal resistance [R <sub>D</sub> ]                                       | <b>1.05</b>                                      | <b>m2.k/W</b>  |
|                                                                               | Declared thermal conductivity [λ <sub>D</sub> ]                            | <b>0.029</b>                                     | <b>W/m.K</b>   |
|                                                                               | Thickness [d <sub>N</sub> ]                                                | <b>30</b>                                        | <b>mm</b>      |
| Dimensional tolerances                                                        |                                                                            | <b>T</b>                                         | <b>1</b>       |
| Compressive strength                                                          |                                                                            | <b>CS(10\Y)</b>                                  | <b>300</b>     |
| Tensile strength perpendicular to faces                                       |                                                                            | <b>TR</b>                                        | <b>NPD</b>     |
| Reaction to fire                                                              |                                                                            | <b>Euro-Class</b>                                | <b>E</b>       |
| Continuous glowing combustion                                                 |                                                                            | <b>-</b>                                         | <b>NPD</b>     |
| Water permeability                                                            | Long term water absorption by total immersion                              | <b>WL(T)</b>                                     | <b>0,7</b>     |
|                                                                               | Long term water absorption by diffusion                                    | <b>WD(V)</b>                                     | <b>3</b>       |
| Water vapor permeability                                                      | Water vapor diffusion resistance factor                                    | <b>MU</b>                                        | <b>NPD</b>     |
| Durability of compressive strength against ageing/degradation                 | Compressive creep                                                          | <b>CC (2/1,5/50)</b>                             | <b>130</b>     |
| 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                                | <b>see above R<sub>D</sub> and λ<sub>D</sub></b> |                |
|                                                                               | Freeze/thaw resistance after long term water absorption by diffusion       | <b>FTCD</b>                                      | <b>1</b>       |
|                                                                               | Freeze/thaw resistance after long term water absorption by total immersion | <b>FTCI</b>                                      | <b>NPD</b>     |
|                                                                               | Dimensional stability under specified temperature and humidity conditions  | <b>DS</b>                                        | <b>(70,90)</b> |
|                                                                               | Deformation under specified compressive load and temperature conditions    | <b>DLT</b>                                       | <b>(2)5</b>    |
| Dangerous substances                                                          | Release of dangerous substances to the indoor environment                  | <b>-</b>                                         | <b>NPD</b>     |

«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

**Stijn de Vry**

Business director XPS

L-Luxembourg

Date of issue: **4<sup>th</sup> September 2025**Print Date: **22<sup>nd</sup> October 2025**

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