

# DECLARATION OF PERFORMANCE

## SI - I N1234E3002-003



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| 1. Unique identification code of the product-type:   | <b>FIBRANxps INCLINE 300-E</b>  |
| 2. Type, batch or serial number:   | IN1234E3002   |
| 3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification as foreseen by the manufacturer: | Thermal Insulation for Buildings (THiB)<br><br>XPS-EN13164-T3-CS(10\Y)300-DS(70,90)-DLT(2)5-TR600-WL(T)1,5-MJ50 |
| 4. Name and contact address of the manufacturer  | <b>FIBRAN d.o.o. Novo mesto</b><br>Ko evarjeva ulica 1<br>SI-8000 Novo mesto, Slovenija<br><b>www.fibran.si</b> |
| 6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:                         | AVCP - System 3   |
| 7. Name and identification number of notified body   | NB 0751 (FIW)   |

| 9. Essential characteristic - (EN13164:2012+A1:2015)                          | Symbol  | Performance    |
|---|---|----------------|
| nominal width   | bN [mm]   | <b>600</b>     |
| nominal length  | IN [mm]   | <b>1200</b>    |
| thickness   | dN [mm]   | <b>76</b>      |
| Dimensional tolerances  | T   | <b>3</b>       |
| Compressive strength  | CS(10\Y) [kPa]  | <b>300</b>     |
| Tensile strength perpendicular to faces                                       | TR [kPa]  | <b>600</b>     |
| Reaction to fire  | Euro-class  | <b>E</b>       |
| Continuous glowing combustion   |   | <b>NPD</b>     |
| Acoustic absorption index   |   | <b>NPD</b>     |
| water permeability  | long term water absorption by total immersion<br>WL(T) [vol.%]                      | <b>1,5</b>     |
|   | long term water absorption by diffusion<br>WD(V) [vol.%]                            | <b>NPD</b>     |
| Water vapor transmission  | water vapor diffusion resistance factor<br>MJ                                       | <b>50</b>      |
| Durability of compressive strength against ageing/degradation                 | compressive creep<br>CC (2/1,5/50) [kPa]  | <b>NPD</b>     |
| Durability of thermal resistance against heat, weathering, ageing/degradation | declared thermal conductivity Lambda<br>D [W/m.K]                                   | <b>0,035</b>   |
|   | declared thermal resistance<br>RD [m <sup>2</sup> .K/W]                             | <b>2,15</b>    |
|   | freeze-thaw resistance after long term water diffusion test<br>FTCD                 | <b>NPD</b>     |
|   | freeze/thaw resistance after long term water absorption by total immersion<br>FTCI  | <b>NPD</b>     |
|   | dimensional stability under specified temperature and humidity conditions<br>DS     | <b>(70,90)</b> |
|   | Deformation under specified compressive load and temperature conditions<br>DLT      | <b>(2)5</b>    |
| dangerous substances  | Release of dangerous substances to the indoor environment<br>GWP<5; ODP 0; HFC free |                |
| durability of reaction to fire against heat, weathering, ageing/degradation   | The reaction to fire performance of XPS does not change with time.                  |                |

10. The performance of the product listed above are in conformity with the declared performance. In accordance with Regulation (EU) no. 305/2011 the manufacturer listed above bears sole responsibility for issuing this declaration of performance.

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| Signed for and on behalf of the manufacturer by<br>Novo mesto, 1. 01. 2024 | Matej Lesar<br>Research & Development<br> |
| HBCD free  |   |
| 'NPD' (No Performance Determined)  |   |