# DECLARATION OF PERFORMANCE
# SI-S106030II1010-003

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|---|---|---|
| 1. | Unique identification code of the product-type: | **FIBRANxps 300 - I** |
| 2. | Type, batch or serial number: | S106030II1010 |
| 3. | Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification as foressen by the manufacturer: | Thermal Insulation for Buildings (THiB)<br>XPS-EN13164-T1-CS(10\Y)300-DS(70,90)-DLT(2)5-CC(2/1,5/50)115-WL(T)0,7-WD(V)2-FTCD1-MU100 |
| 4. | Name and contact address of the manufacturer | **FIBRAN NORD d.o.o. Novo mesto**<br>Kočevarjeva ulica 1<br>SI-8000 Novo mesto, Slovenija<br>**www.fibran.si** |
| 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 | FIW No 751 |

| 9. Essential characteristic - (EN13164-ZA1) | | Symbol | Performance |
|---|---|---|---|
| nominal width | | bN [mm] | **600** |
| nominal length | | lN [mm] | **1250** |
| thickness | | dN [mm] | **60** |
| Dimensional tolerances | | T | **1** |
| Compressive strength | | CS(10\Y) [kPa] | **300** |
| Tensile strength perpendicular to faces | | TR [kPa] | **NPD** |
| Reaction to fire | | Euro-class | **E** |
| Continuous glowing combustion | | | **NPD** |
| Acoustic absorption index | | | **NPD** |
| water permeability | long term water absorption by total immersion | WL(T) [vol.%] | **0,7** |
| | long term water absorption by diffusion | WD(V) [vol.%] | **2** |
| Water vapor transmission | water vapor diffusion resistance factor | MU | **100** |
| Durability of compressive strength against ageing/degradation | compressive creep | CC (2/1,5/50) [kPa] | **115** |
| Durability of thermal resistance against heat, weathering, ageing/degradation | declared thermal conductivity Lambda | λD [W/m.K] | **0,035** |
| | declared thermal resistance | RD [m2.K/W] | **1,70** |
| | freeze-thaw resistance after long term water diffusion test | 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 | - | - |
| 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 identified in points 1 and 2 is in conformity with the declared performance in point 9. 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

Novo mesto, 11.8.2015

Marjeta Vide Lutman
Tehnical & Marketing Manager

This product contains Hexabromocyclododecane (declaration according to CPR requirement Article 6 Paragraph 5)

'NPD' (No Performance Determined)