

DECLARATION OF PERFORMANCE

SI-C110040LL1010-002



| | | |
|---|--|----------------|
| 1. Unique identification code of the product-type: | FIBRANxps 400 - L | |
| 2. Type, batch or serial number: | C110040LL1010 | |
| 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) | |
| | XPS-EN13164-T1-CS(10\Y)400-DS(70,90)-DLT(2)5-CC(2/1,5/50)155-WL(T)0,7-WD(V)1-FTCD1-MU150 | |
| 4. Name and contact address of the manufacturer | FIBRAN NORD d.o.o. Novo mesto Kočevarjeva ulica 1 SI-8000 Novo mesto, Slovenija 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] | 100 |
| Dimensional tolerances | T | 1 |
| Compressive strength | CS(10\Y) [kPa] | 400 |
| 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.%] | 1 |
| Water vapor transmission | water vapor diffusion resistance factor MU | 150 |
| Durability of compressive strength against ageing/degradation | compressive creep CC (2/1,5/50) [kPa] | 155 |
| Durability of thermal resistance against heat, weathering, ageing/degradation | declared thermal conductivity Lambda λ_D [W/m.K] | 0,035 |
| | declared thermal resistance RD [m ² .K/W] | 2,85 |
| | 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, 7.8.2014 | Matjaž Zupan, M.Sc. Technical manager | |
| This product contains Hexabromocyclododecane (declaration according to CPR requirement Article 6 Paragraph 5) 'NPD' (No Performance Determined) | | |