



Declaration of Performance

Kingspan Sauna-Satu®

2100.CPR.2013.Sauna-Satu.002

Unique identification code of the product-type: **Kingspan Sauna-Satu®**
Intended use/es: **Thermal insulation for buildings**
Manufacturer: **Kingspan Insulation Oy - Sillanpääkatu 20 - 38710 Kankaanpää (FIN)**
System/s of AVCP: **System 3**
Harmonised technical specification: **SFS-EN 13165:2012+A2:2016**
Notified body/ies: **Eurofins Expert Services Oy (No. 0809)**

| Essential characteristics | | Performance | |
|---|--|--|------|
| Thermal resistance | Thermal resistance R_D ((m ² .K)/W) | d_N 30mm | 1.35 |
| | Thermal conductivity λ_D (W/(m.K)) | 0.022 | |
| | Thickness tolerance | T2 | |
| Reaction to fire | | E | |
| Durability of reaction to fire against heat, weathering, ageing / degradation | | Reaction to fire does not change with time | |
| Dimensional stability under specified temperature and humidity condition | | DS(70,90)4 | |
| | | DS(-20,-)2 | |
| Deformation under specified compressive load and temperature conditions | | NPD | |
| Compressive strength | Compressive stress or compressive strength | CS(10\Y)100 | |
| Tensile / Flexural strength | Tensile strength perpendicular to faces | NPD | |
| Durability of compressive strength against ageing / degradation | Compressive creep | NPD | |
| Water permeability Water vapour permeability | Short term water absorption | NPD | |
| | Long term water absorption | WL(T)2 | |
| | Flatness after one sided wetting | FW2 | |
| | Water vapour transmission | NPD | |
| Acoustic absorption index | Sound absorption | NPD | |
| Release of dangerous substances to the indoor environment | | No harmonized test method available | |
| Continuous glowing combustion | | No harmonized test method available | |
| NPD: No Performance Determined | | | |

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

Signed for and on behalf of the manufacturer by:

Henk Johan Bassie,
Managing Director Continental Europe

Kankaanpää, Finland , 01.06.2019