



# Declaration of Performance

Kingspan Sauna-Satu®

CPR.2013.Sauna-Satu.001

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+A1:2015**  
Notified body/ies: **VTT Expert Services Oy (No. 0809)**

Essential characteristics		Performance	
Thermal resistance	Thermal resistance $R_D$ ((m <sup>2</sup> .K)/W)	$d_N$ 30mm	1.30
	Thermal conductivity $\lambda_D$ (W/(m.K))	0.023	
	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:

Ilkka Pohjoismäki  
Managing Director

Kankaanpää, (FIN), 01.01.2016