

Declaration of Performance

Therma™ TP10 / Therma™ TF70 / Therma™ TW50 / Therma™ TW55

2100.CPR.2013.TP10.TF70.TW50.TW55.002

Unique identification code of the product-type: **Therma™ TP10, Therma™ TF70, Therma™ TW50, Therma™ TW55**
 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)**

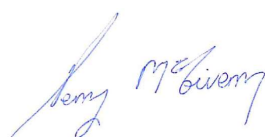
Essential characteristics		Performance		
Thermal resistance	Thermal resistance R_D ((m ² .K)/W)	d_N 30mm	1.35	
		d_N 40mm	1.80	
		d_N 50mm	2.25	
		d_N 60mm	2.70	
		d_N 70mm	3.15	
		d_N 80mm	3.60	
		d_N 90mm	4.05	
		d_N 100mm	4.50	
		d_N 110mm	5.00	
		d_N 120mm	5.45	
		d_N 130mm	5.90	
		d_N 140mm	6.35	
		d_N 150mm	6.80	
		d_N 160mm	7.25	
		d_N 170mm	7.70	
		d_N 180mm	8.15	
		d_N 190mm	8.60	
	d_N 200mm	9.05		
Thermal conductivity λ_D (W/(m.K))		$d_N \geq 30$ mm	0.022	
Thickness tolerance		d_N 30-200mm	T2	
Reaction to fire		E		
Durability of reaction to fire against heat, weathering, ageing / degradation		NPD		
Dimensional stability under specified temperature and humidity condition		DS(70,90)3		
		DS(-20,-)1		
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		NPD		
Continuous glowing combustion		NPD		
NPD: No Performance Determined				

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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:

Terry Mc Givern,
Managing Director Continental Europe



Kankaanpää, Finland, 01.02.2025