Declaration of Performance

Kingspan Kooltherm® K121 Façade Board

1000.CPR.2026.K121.001

Unique identification code of the product-type:	**Kingspan Kooltherm® K121 Façade Board**
Intended use/es:	**Thermal insulation for buildings**
Manufacturer:	**Kingspan Insulation Ltd, Herefordshire HR6 9LA, UK**
System/s of AVCP:	**System 1 (Reaction to Fire), System 3 (Other Properties)**
Harmonised technical specification	**BS EN 13166:2012+A2:2016**
Notified body/ies:	**Efectis:1812, FIW München:0751**

Essential characteristics		**Performance**	
Thermal resistance	Thermal resistance R_D ((m².K)/W)	d_N 60mm	3.15
		d_N 70mm	3.65
		d_N 80mm	4.00
		d_N 90mm	4.70
		d_N 100mm	5.25
		d_N 110mm	5.75
		d_N 120mm	6.30
		d_N 130mm	6.80
		d_N 140mm	7.35
		d_N 150mm	7.85
	Thermal conductivity λ_D (W/(m.K))	λ_D 0.019	
	Thickness tolerance	T1	
Reaction to fire	Reaction to fire	B-s2,d0	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD	
Durability of thermal resistance against heat, weathering, ageing/ degradation	Durability Characteristics	NPD	
	Dimensional stability under specified temperature and humidity condition	DS(70,90)	
		DS(-20,-)	
	Determination of the aged values of thermal resistance and thermal conductivity	R_D and λ_D	
Compressive strength	Compressive stress or compressive strength	CS(Y)100	
Tensile / Flexural strength	Tensile strength perpendicular to faces	NPD	
Durability of compressive strength against ageing / degradation	Compressive creep	NPD	
Water permeability	Short term water absorption	NPD	
	Long term water absorption	NPD	

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Water vapour permeability	Water vapour transmission	NPD
	Closed cell content	CV
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD
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.

For System 1 AVCP Notified certification body No 1812 performed, carried out the determination of the product type, the inspection of the manufacturing plant and factory production control and continuous surveillance, assessment and evaluation of the factory production control, and issued the certificate of constancy of performance for reaction to fire.

Notified testing lab 0751 performed the test reports for the other relevant declared characteristics (AVCP 3 properties).

Signed for and on behalf of the manufacturer by:



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Siobhan O'Dwyer
Managing Director
Pembridge, England, UK
Date Signed: 19/10/2026
Version Number: 001

For the most up-to-date version of the Declaration of Performance please scan or click here.

To access pre-existing product information or information relating to previously sold/discontinued products please email literature@kingspaninsulation.co.uk.