



UK Declaration of Performance

Kingspan Kooltherm® K118 Insulated Plasterboard

1000.UKDoP.K118.005

Unique identification code of the product-type:

Intended use/es:

Manufacturer:

System/s of AVCP:

Harmonised technical specification:

UK Assessment/Notified body/ies:

Kingspan Kooltherm® K118 Insulated Plasterboard
Thermal insulation for buildings

Kingspan Insulation Ltd, Herefordshire HR6 9LA, UK

System 3 (All Properties)

BS EN 13950:2014

University of Salford:1145, Warrington Fire:0833

Essential characteristics		Performance	
Thermal resistance	Thermal resistance R _D ((m².K)/W)	Insulation component	
		d _N 25mm	1.30
		d _N 30mm	1.55
		d _N 40mm	2.10
		d _N 45mm	2.35
		d _N 50mm	2.60
		d _N 60mm	3.15
		d _N 70mm	3.65
	d _N 80mm	4.20	
	Plasterboard Component	0.065	
	d _N 12.5mm		
	Thermal conductivity λ _D (W/(m.K))	d _N 25-80mm Plasterboard	0.019 0.190
	Thickness tolerance	+3mm	
	Closed cell content	CV	
Reaction to fire	N/A	B-s1,d0	
Flexural strength	Transverse	Pass	
	Longitudinal	Pass	
Water vapour resistance factor	Water vapour resistance factor (μ)	100	
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD	
NPD: No Performance Determined			

EU Regulation 305/2011, as retained in UK law, and as amended by SI no. 465/2019 (the Construction Products (Amendment etc.) (EU Exit) Regulations 2019) and SI no. 1359/2020 (the Construction Products (Amendment etc.) (EU Exit) Regulations 2020.)



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Signed for and on behalf of the manufacturer by:

A handwritten signature in black ink, appearing to read 'Siobhan O'Dwyer'.

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Siobhan O'Dwyer
Managing Director
Pembroke, England, UK
Date signed: 30/06/2025
Issue Number: 005



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.