

## UK Declaration of Performance

Kingspan Kooltherm® K118 Insulated Plasterboard

1000.UKDoP.K118.004

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 $R_D$ ( $m^2.K/W$ )	Insulation component	
		$d_N$ 25mm	1.30
		$d_N$ 30mm	1.55
		$d_N$ 40mm	2.10
		$d_N$ 50mm	2.60
Thermal conductivity $\lambda_D$ ( $W/(m.K)$ )	Thermal conductivity $\lambda_D$ ( $W/(m.K)$ )	$d_N$ 60mm	3.15
		$d_N$ 70mm	3.65
		$d_N$ 80mm	4.20
		Plasterboard Component	
Thickness tolerance	Thickness tolerance	$d_N$ 12.5mm	0.065
		$d_N$ 25-80mm Plasterboard	0.019
			0.190
Closed cell content	Closed cell content		+3mm
			CV
Reaction to fire	Reaction to fire	B-s1,d0	
Flexural strength	Transverse	Pass	
	Longitudinal	Pass	
Water vapour resistance factor	Water vapour resistance factor ( $\mu$ )	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**  
**Pembridge, England, UK**  
**Date signed: 26/09/2024**  
**Issue Number: 004**



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](mailto:literature@kingspaninsulation.co.uk).