



UK Declaration of Performance

Kingspan Kooltherm® K118 Insulated Plasterboard

1000.UKDoP.K118.003

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 d _N 30mm d _N 40mm d _N 50mm d _N 60mm d _N 70mm d _N 80mm Plasterboard Component d _N 12.5mm	 1.30 1.55 2.10 2.60 3.15 3.65 4.20 0.065
	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	Reaction to fire	B-s1,d0	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability characteristic	NPD	
Dimensions	Length and Width	Length	+8mm or -5mm
		Width	± 5.0 mm

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Offset	Length	+8mm or -5mm
	Width	± 5.0 mm
Adhesion/Cohesion	Perpendicular to main face	≥0.017 MPa
Flatness	On plasterboard face	≤ 5,0 mm
Flexural strength	Transverse	Pass
	Longitudinal	Pass
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD
Continuous glowing combustion	Continuous glowing combustion	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.)

Signed for and on behalf of the manufacturer by:



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Aiveen Kearney
Managing Director
Pembridge, England, UK
Date signed: 23/11/2022
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