



Declaration of Performance

Kingspan Kooltherm® K18 Insulated Plasterboard

1002.CPR.2013.K18.007

Unique identification code of the product-type:

Intended use/es:

Manufacturer:

System/s of AVCP:

Designated technical specification

Notified body/ies:

Kooltherm® K18

Thermal insulation for buildings

**Kingspan Insulation Ltd, Bree Industrial Estate, Castleblayney,
Co Monaghan, Ireland A75 X966**

System 3 (All Properties)

EN 13950:2014

KIWA BDA (NB 1640), AFITI (NB 1168)

Essential characteristics		Performance	
Thermal resistance	Thermal resistance R_D ((m ² .K)/W)	d _N 25mm	1.10
		d _N 30mm	1.35
		d _N 40mm	1.80
		d _N 50mm	2.35
		d _N 60mm	2.85
		d _N 70mm	3.30
		d _N 80mm	3.80
		d _N 90mm	4.25
		d _N 100mm	4.75
	Thermal conductivity λ_D (W/(m.K))	d _N 25-44mm	0.022
		d _N 45-100mm	0.021
		d _N plasterboard	0.250
	Thickness tolerance	+3mm	
Reaction to fire	Reaction to fire	Euroclass B-s1 ,d0	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability characteristic	NPD	



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Dimensions	Length and Width	Length +8mm or 5mm
		Width ± 5.0 mm
Offset	Length	+8mm or -5mm
	Width	± 5.0 mm
Adhesion/Cohesion	Perpendicular to main face	NPD
Flatness	On plasterboard face	NPD
Flexural strength	Transverse	NPD
	Longitudinal	NPD
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD
Continuous glowing combustion	Continuous glowing combustion	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.

Signed for and on behalf of the manufacturer by:

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Siobhan O Dwyer
Managing Director, Ireland
Date signed: 15th October 2024
Issue Number: 007



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.ie.