



Declaration of Performance

Kooltherm® K17

1002.CPR.2013.K17.005

Unique identification code of the product-type:

Intended use/es:

Manufacturer:

System/s of AVCP:

Designated technical specification

Notified body/ies:

Kooltherm® K17

Thermal insulation for buildings

Kingspan Insulation Ltd, Bree Industrial Estate, Castleblayney, Co

Monaghan, Ireland A75 X966

System 3

EN 13950:2014

KIWA BDA (NB 1640)

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
	Thermal conductivity λ_D (W/(m.K))	d _N 25-44mm 0.022 d _N 45-80mm 0.021 d _N plasterboard 0.190
	Thickness tolerance	+/-3mm
	Closed cell content	CV
Reaction to fire	Reaction to fire	NPD
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability characteristic	NPD
Durability of thermal resistance against heat, weathering, ageing/ degradation	Durability characteristic	NPD
	Thermal conductivity λ_D (W/(m.K))	d _N 25-44mm d _N 45-80mm d _N plasterboard



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	Determination of the aged values of thermal resistance and thermal conductivity	RD and λ D
Length and Width	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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Ralph Mannion
Managing Director, Ireland
Date signed: 2nd August 2021
Issue Number: 005