



Declaration of Performance

Kingspan Kooltherm® K106 Cavity Board

1000.CPR.2013.K106.007

Unique identification code of the product-type:
 Intended use/es:
 Manufacturer:
 System/s of AVCP:
 Harmonised technical specification
 Notified body/ies:

Kingspan Kooltherm® K106 Cavity Board
Thermal insulation for buildings
Kingspan Insulation Ltd, Herefordshire HR6 9LA, UK
System 4 (Reaction to fire), System 3 (Other Properties)
BS EN 13166:2012+A2:2016
KIWA:1640, FIW:0751

Essential characteristics		Performance
Thermal resistance	Thermal resistance R_D ((m ² .K)/W)	d_N 90mm 4.70 d_N 115mm 6.05
	Thermal conductivity λ_D (W/(m.K))	λ_D 0.019
	Thickness tolerance	T1
Reaction to fire	Reaction to fire	F
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability Characteristics	NPD
Durability of thermal resistance against heat, weathering, ageing/ degradation	Durability Characteristics	NPD
	Dimensional stability under specified temperature and humidity condition	DS(70,90)
		DS(-20,-)
Determination of the aged values of thermal resistance and thermal conductivity	R_D and λ_D	
Compressive strength	Compressive stress or compressive strength	CS(Y)100
Tensile / Flexural strength	Tensile strength perpendicular to faces	NPD
Durability of compressive strength against ageing / degradation	Compressive creep	NPD
Water permeability	Short term water absorption	NPD
	Long term water absorption	NPD
	Closed cell content	CV
Water vapour permeability	Water vapour transmission	NPD
	Closed cell content	NPD
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD



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Continuous Glowing Combustion	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
Pembridge, England, UK
Date signed: 26/09/2024
Version 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.co.uk.