

UK Declaration of Performance

Kingspan Kooltherm® K110 Soffit Board

1000.UKDoP.K110.002

Unique identification code of the product-type:

Kingspan Kooltherm® K110 Soffit Board

Intended use/es:

Thermal insulation for buildings

Manufacturer:

Kingspan Insulation Ltd, Herefordshire HR6 9LA, UK

System/s of AVCP:

System 1 (Reaction to Fire), System 3 (Other Properties)

Harmonised technical specification

BS EN 13166:2012+A2:2016

UK Assessment/ EU Notified body/ies:

Efectis UK:2822, University of Salford:1145, BBA:0836

Essential characteristics		Performance																		
Thermal resistance	Thermal resistance R_D ((m ² .K)/W)	<table> <tr><td>d_N 65mm</td><td>3.40</td></tr> <tr><td>d_N 70mm</td><td>3.65</td></tr> <tr><td>d_N 75mm</td><td>3.90</td></tr> <tr><td>d_N 80mm</td><td>4.20</td></tr> <tr><td>d_N 85mm</td><td>4.45</td></tr> <tr><td>d_N 90mm</td><td>4.70</td></tr> <tr><td>d_N 100mm</td><td>5.25</td></tr> <tr><td>d_N 110mm</td><td>5.75</td></tr> <tr><td>d_N 120mm</td><td>6.30</td></tr> </table>	d_N 65mm	3.40	d_N 70mm	3.65	d_N 75mm	3.90	d_N 80mm	4.20	d_N 85mm	4.45	d_N 90mm	4.70	d_N 100mm	5.25	d_N 110mm	5.75	d_N 120mm	6.30
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Thermal conductivity λ_D (W/(m.K))	λ_D 0.019																			
Thickness tolerance	T1																			
Reaction to fire	Reaction to fire	C-s2,d0																		
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																		

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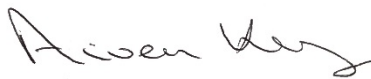
	Long term water absorption	NPD
	Closed cell content	CV
Water vapour permeability	Water vapour transmission	NPD
	Closed cell content	CV
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD
NPD: No Performance Determined		

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.)

For System 1 AVCP Notified certification body No 2822 Performed, carried out the determination of the product type, the inspection of the manufacturing plant and factory production control and continuous surveillance, assessment and evaluation of the factory production control, and issued the certificate of constancy of performance for reaction to fire, cert No cert No 2822–UKCA-CPR-0093.

Notified testing lab 1145 and 0836 Performed the test reports for the other relevant declared characteristics (AVCP 3 properties).

Signed for and on behalf of the manufacturer by:



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Aiveen Kearney
Managing Director UK and Ireland
Pembridge, England, UK
Date Signed: 14/07/2023
Version Number: 002



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.