

## UK Declaration of Performance

Kingspan Kooltherm® K110 Soffit Board

1000.UKDoP.K110.003b

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® K110 Soffit Board**

**Thermal insulation for buildings**

**Kingspan Insulation Ltd, Herefordshire HR6 9LA, UK**

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

**BS EN 13166:2012+A2:2016**

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

Essential characteristics		Performance																		
Thermal resistance	Thermal resistance $R_D$ ((m <sup>2</sup> .K)/W)	<table border="1"> <tr><td><math>d_N</math> 65mm</td><td>3.40</td></tr> <tr><td><math>d_N</math> 70mm</td><td>3.65</td></tr> <tr><td><math>d_N</math> 75mm</td><td>3.90</td></tr> <tr><td><math>d_N</math> 80mm</td><td>4.20</td></tr> <tr><td><math>d_N</math> 85mm</td><td>4.45</td></tr> <tr><td><math>d_N</math> 90mm</td><td>4.70</td></tr> <tr><td><math>d_N</math> 100mm</td><td>5.25</td></tr> <tr><td><math>d_N</math> 110mm</td><td>5.75</td></tr> <tr><td><math>d_N</math> 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 $\lambda_D$ (W/(m.K))	$\lambda_D$ 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 $\lambda_D$																		
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	CV																		

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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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**Siobhan O'Dwyer**  
**Managing Director**  
**Pembridge, England, UK**  
**Date Signed: 26/09/2024**  
**Version Number: 003b**



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](mailto:literature@kingspaninsulation.co.uk).