



# Declaration of Performance

Seconds Phenolic (Seconds Foil Phenolic, Seconds Glass/Foil Phenolic, Seconds Glass/Tissue Phenolic)

1002.CPR.2024.SCPHENOLIC 002

Unique identification code of the product-type:	<b>Phenolic</b>
Intended use/es:	<b>Thermal insulation for buildings</b>
Manufacturer:	<b>Kingspan Insulation Ltd, Bree Industrial Estate, Castleblayney, Co Monaghan, Ireland A75 X966</b>
System/s of AVCP:	<b>System 4 for Reaction to Fire, System 3 for all other properties</b>
Designated technical specification:	<b>EN 13166:2012+A2:2016</b>
Notified body(ies) :	<b>KIWA BDA (NB 1640)</b>

Essential characteristics		Performance																														
Thermal resistance	Thermal resistance $R_D$ ((m <sup>2</sup> .K)/W)	<table border="0"> <tr><td>d<sub>N</sub> 25mm</td><td>0.80</td></tr> <tr><td>d<sub>N</sub> 30mm</td><td>1.00</td></tr> <tr><td>d<sub>N</sub> 40mm</td><td>1.30</td></tr> <tr><td>d<sub>N</sub> 50mm</td><td>1.65</td></tr> <tr><td>d<sub>N</sub> 60mm</td><td>2.00</td></tr> <tr><td>d<sub>N</sub> 70mm</td><td>2.30</td></tr> <tr><td>d<sub>N</sub> 80mm</td><td>2.65</td></tr> <tr><td>d<sub>N</sub> 90mm</td><td>3.00</td></tr> <tr><td>d<sub>N</sub> 100mm</td><td>3.30</td></tr> <tr><td>d<sub>N</sub> 110mm</td><td>3.65</td></tr> <tr><td>d<sub>N</sub> 120mm</td><td>4.00</td></tr> <tr><td>d<sub>N</sub> 130mm</td><td>4.30</td></tr> <tr><td>d<sub>N</sub> 135mm</td><td>4.50</td></tr> <tr><td>d<sub>N</sub> 140mm</td><td>4.65</td></tr> <tr><td>d<sub>N</sub> 150mm</td><td>5.00</td></tr> </table>	d <sub>N</sub> 25mm	0.80	d <sub>N</sub> 30mm	1.00	d <sub>N</sub> 40mm	1.30	d <sub>N</sub> 50mm	1.65	d <sub>N</sub> 60mm	2.00	d <sub>N</sub> 70mm	2.30	d <sub>N</sub> 80mm	2.65	d <sub>N</sub> 90mm	3.00	d <sub>N</sub> 100mm	3.30	d <sub>N</sub> 110mm	3.65	d <sub>N</sub> 120mm	4.00	d <sub>N</sub> 130mm	4.30	d <sub>N</sub> 135mm	4.50	d <sub>N</sub> 140mm	4.65	d <sub>N</sub> 150mm	5.00
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Thermal conductivity $\lambda_D$ (W/(m.K))	d <sub>N</sub> 25-150mm 0.030																															
Thickness tolerance	NPD																															
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	NPD																														
		NPD																														



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	Thermal conductivity $\lambda_D$ (W/(m.K))	$\lambda_D$ 0.030
	Determination of the aged values of thermal resistance and thermal conductivity	RD and $\lambda_D$
Compressive strength	Compressive stress or compressive strength	NPD
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	NPD
Water vapour permeability	Water vapour transmission	NPD
	Closed cell content	NPD
Continuous Glowing Combustion	Glowing Combustion	NPD
Release of dangerous substances to the indoor environment	Release of dangerous substances	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.**



# Declaration of Performance

Signed for and on behalf of the manufacturer by:

.....  
**Siobhan O Dwyer**  
Managing Director, Ireland  
Date signed: 1<sup>st</sup> October 2024  
Issue 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](mailto:literature@kingspaninsulation.co.uk)