

## UK Declaration of Performance

Kingspan Thermataper® TT44

1000.UKDoP.TT44.003

Unique identification code of the product-type:

**Kingspan Thermataper® TT44**

Intended use/es:

**Thermal insulation for buildings**

Manufacturer:

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

System/s of AVCP:

**System 4 (Reaction to fire), System 3 (Other Properties)**

Designated technical specification:

**BS EN 13165:2012+A2:2016**

UK Assessment/Notified body/ies:

**University of Salford: 1145, BBA: 0836**

Essential characteristics		Performance						
Thermal resistance	Thermal resistance $R_D$ ((m <sup>2</sup> .K)/W)	NPD						
	Thermal conductivity $\lambda_D$ (W/(m.K))	<table border="0"> <tr> <td><math>d_N &lt; 80\text{mm}</math></td> <td>0.027</td> </tr> <tr> <td><math>d_N 80\text{-}119\text{mm}</math></td> <td>0.025</td> </tr> <tr> <td><math>d_N \geq 120\text{mm}</math></td> <td>0.024</td> </tr> </table>	$d_N < 80\text{mm}$	0.027	$d_N 80\text{-}119\text{mm}$	0.025	$d_N \geq 120\text{mm}$	0.024
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$d_N 80\text{-}119\text{mm}$	0.025							
$d_N \geq 120\text{mm}$	0.024							
Thickness tolerance	T2							
Reaction to fire	Reaction to fire	F						
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability of the reaction to fire of the product as placed on the market	NPD						
	Durability of thermal resistance and thermal conductivity against ageing/ degradation	NPD						
Durability of Thermal Resistance against heat, weathering, ageing / degradation	Thermal resistance $R_D$ ((m <sup>2</sup> .K)/W)	NPD						
	Thermal conductivity $\lambda_D$ (W/(m.K))	<table border="0"> <tr> <td><math>d_N &lt; 80\text{mm}</math></td> <td>0.027</td> </tr> <tr> <td><math>d_N 80\text{-}119\text{mm}</math></td> <td>0.025</td> </tr> <tr> <td><math>d_N \geq 120\text{mm}</math></td> <td>0.024</td> </tr> </table>	$d_N < 80\text{mm}$	0.027	$d_N 80\text{-}119\text{mm}$	0.025	$d_N \geq 120\text{mm}$	0.024
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	Durability characteristics	NPD						
Dimensional stability under specified temperature and humidity condition	DS(70,90)3 DS(-20,-)1							
Deformation under specified compressive load and temperature conditions	NPD							
Determination of the aged values of thermal resistance and thermal conductivity	$\lambda_D$ 0,024, 0.025, 0,027 W/m.K							
Compressive strength	Compressive stress or compressive strength	CS(10\Y)150						
Tensile / Flexural strength	Tensile strength perpendicular to faces	TR80						
Durability of compressive strength against ageing / degradation	Compressive creep	NPD						
Water permeability	Short term water absorption	NPD						
	Long term water absorption	NPD						
	Flatness after one sided wetting	NPD						

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Water vapour permeability	Water vapour transmission	NPD
Acoustic absorption index	Sound absorption	NPD
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.)

Signed for and on behalf of the manufacturer by:



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**Siobhan O'Dwyer**  
 Managing Director  
 Pembridge, England, UK  
 Date signed: 19/09/2024  
 Issue Number: 003



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)