



# UK Declaration of Performance

Kingspan Thermataper® TT44

1000.UKDoP.TT44.003

Unique identification code of the product-type:

Intended use/es:

Manufacturer:

System/s of AVCP:

Designated technical specification:

UK Assessment/Notified body/ies:

**Kingspan Thermataper® TT44**

**Thermal insulation for buildings**

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

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

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

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

Essential characteristics		Performance	
Thermal resistance	Thermal resistance R <sub>D</sub> ((m².K)/W)	NPD	
	Thermal conductivity λ <sub>D</sub> (W/(m.K))	d <sub>N</sub> < 80mm d <sub>N</sub> 80-119mm d <sub>N</sub> ≥ 120mm	0.027 0.025 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  Durability of thermal resistance and thermal conductivity against ageing/ degradation	NPD  NPD	
Durability of Thermal Resistance against heat, weathering, ageing / degradation	Thermal resistance R <sub>D</sub> ((m².K)/W)	NPD  d <sub>N</sub> < 80mm d <sub>N</sub> 80-119mm d <sub>N</sub> ≥ 120mm	
	Thermal conductivity λ <sub>D</sub> (W/(m.K))	0.027 0.025 0.024	
	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	λ <sub>D</sub> 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  
Pembroke, 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)