

Declaration of Performance

Therma™ TR24

1000/1001.CPR.2013.TR24.002

Unique identification code of the product-type:	Therma™ TR24
Intended use/es:	Thermal insulation for buildings
Manufacturer:	Kingspan Insulation Ltd, Herefordshire HR6 9LA,UK
System/s of AVCP:	System 3
Harmonised technical specification:	BS-EN 13165:2012+A1:2015
Notified body/ies:	FIW München NB. 0751 University of Salford NB 1145.Exova NB 1104

Essential characteristics		Performance	
Thermal resistance	Thermal resistance R_D ((m ² .K)/W)	d _N 30mm	1.15
		d _N 40mm	1.50
		d _N 50mm	1.90
		d _N 60mm	2.30
d _N 70mm		2.65	
d _N 80mm		3.20	
d _N 90mm		3.60	
d _N 100mm		4.00	
d _N 120mm		5.00	
d _N 130mm		5.40	
d _N 140mm	5.83		
d _N 150mm	6.25		
d _N 200mm	8.33		
Thermal conductivity λ_D (W/(m.K))	d _N < 80mm	0.026	
	d _N 80-119mm	0.025	
	d _N ≥ 120mm	0.024	
Thickness tolerance	d _N 25-200mm	T2	
Reaction to fire		E	
Durability of reaction to fire against heat, weathering, ageing / degradation		Reaction to fire does not change with time	
Dimensional stability under specified temperature and humidity condition		DS(70,90)3	
		DS(-20,-)1	
Deformation under specified compressive load and temperature conditions		DLT(2)5	
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	
	Short term water absorption	NPD	
Water permeability	Long term water absorption	NPD	
	Flatness after one sided wetting	NPD	
	Water vapour permeability	Water vapour transmission	NPD
Acoustic absorption index	Sound absorption	NPD	
Release of dangerous substances to the indoor environment		No harmonized test method available	
Continuous glowing combustion		No harmonized test method available	
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.

Signed for and on behalf of the manufacturer by:

Richard Burnley
Managing Director UK and Ireland 1/1/2016

