

UK Declaration of Performance

Therma™ Duct Insulation

1000.UKDoP.TDI.001

Unique identification code of the product-type:
Intended use/es:

Therma™ Duct Insulation
Factory made polyurethane (PU) and polyisocyanurate foam (PIR) products
Thermal insulation for building equipment and industrial installations
Kingspan Insulation Ltd, Pembridge, Herefordshire HR6 9LA, UK
System 3; System 4 Reaction to fire
BS EN 14308:2009+A1:2013
FIW München: 0751*

Manufacturer:
System/s of AVCP:
Harmonised standard
Assessment body/ies:

Declared performances:		
Essential characteristics	Performance	
Thermal Resistance	Thermal conductivity λ_D (W/(m.K))	-20°C 0.022
		10°C 0.023
		19°C 0.023
		25°C 0.024
		50°C 0.027
		80°C 0.031
	Thickness tolerance	±1.5
	Closed cell content	CV
	Durability of thermal resistance against ageing/degradation and high temperature	The aged values of thermal conductivity are declared above
Reaction to fire	Euroclass characteristics	F
	Durability of reaction to fire against ageing/degradation and high temperature	NPD
Service temperatures	Maximum service temperature	ST(+) +80
	Minimum service temperature	ST(-) -20
Compression resistance properties	Compressive stress or compressive strength	CS(10Y) 120
	Point load	NPD
	Compressive creep	NPD
Water absorption	Short term water absorption	NPD
	Long term water absorption	NPD
Water vapour permeability	Water vapour transmission	NPD
Release of corrosive substances		NPD
Release of dangerous substances to the indoor environment		NPD
Continuous glowing combustion		NPD
Dimensional stability under specified temperature and humidity condition	48 h, 70°C, 90% R.H.	DS(TH) 3
	48 h, -20°C	DS(TH) 1

NPD: No Performance Determined

*no accredited UK Assessment Body able to carry out testing

This declaration of performance is issued, in accordance with 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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Ralph Mannion
Managing Director
Pembridge, England, UK
Date signed: 21/09/2021
Issue Number: 001