



Declaration of Performance

Kingspan Kooltherm® Pipe Insulation CNC 120 kg/m³

1034.CPR.KTPipeCNC120.002

Unique identification code of the product-type:

Kingspan Kooltherm® Pipe Insulation CNC 120 kg/m³

Intended use/es:

Thermal insulation for building equipment or industrial installations

Manufacturer:

Kingspan Technical Insulation Ltd, Basildon SS13 1QJ, UK

System/s of AVCP:

System 3: All properties

Harmonised technical specification

BS EN 14314:2009+A1: 2013

Notified body:

Efectis France NB.1812, FIW München NB. 0751

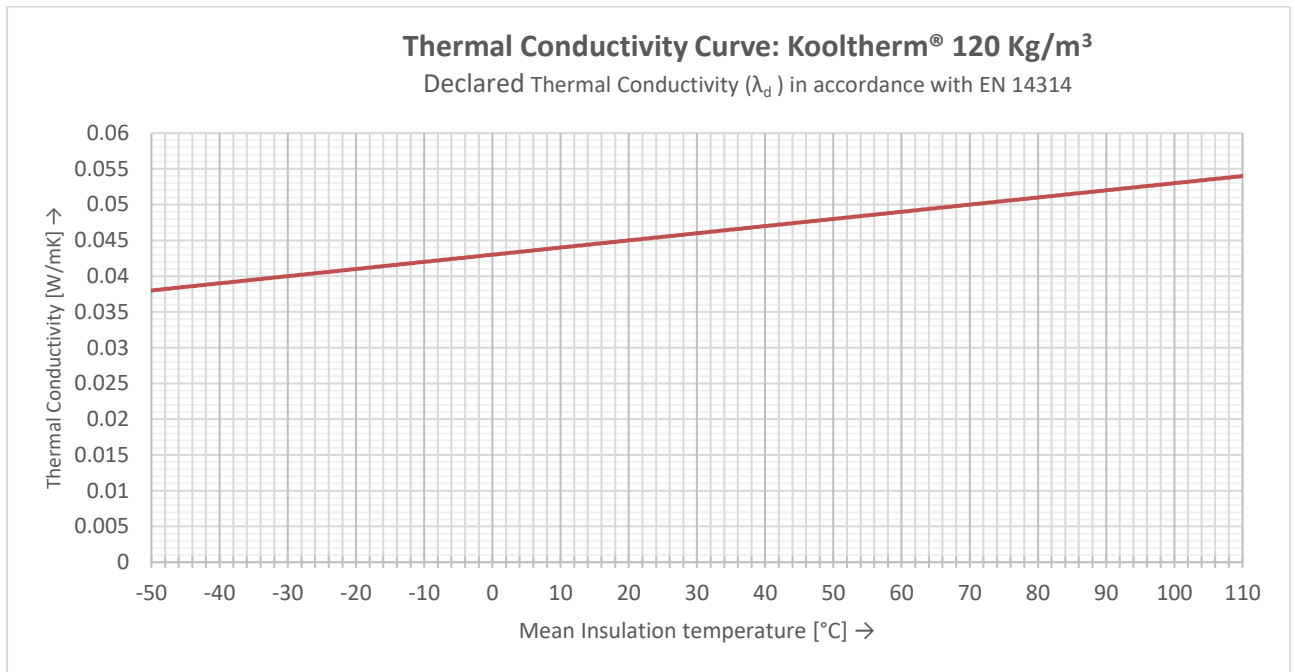
Essential characteristics		Performance
Thermal resistance	Thermal conductivity λ_D (W/(m.K))	See $\lambda(T)$ chart
	Thickness (120 kg/m ³)	$d_D \leq 300$ mm OD = ≤ 25 mm $d_D > 300$ mm OD = 20 mm D_i = every diameter
	Tolerance	$D_i < 170$ mm, -0mm + 2mm $D_i \geq 170$ mm, -0mm + 3mm $d = \pm 2$ mm $L = \pm 3$ mm
	Closed cell content	CV
	Durability of thermal resistance against ageing/degradation	See $\lambda(T)$ chart below for the aged values of thermal conductivity
Reaction to fire	Outside diameter ≤ 300 mm Thickness ≤ 25 mm	RtF C _L -s1,d0
	Outside diameter > 300 mm Thickness 20 mm	RtF B-s1,d0
	Durability of reaction to fire against ageing/degradation and high temperature	NPD
Service temperatures	Maximum service temperature (°C)	ST(+) +110
	Minimum service temperature (°C)	ST(-) -50
Compressive strength	Compressive stress or compressive strength at 10% deformation	NPD
Water permeability	Short term water absorption	NPD
	Long term water absorption	NPD
Water vapour permeability	Water vapour permeability	NPD
	Closed cell content	CV
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD
Continuous glowing combustion	Continuous glowing combustion	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.

Notified testing lab 1812 and 0751 performed the tests for the relevant declared characteristics (AVCP 3 properties).



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Signed for and on behalf of the manufacturer by:

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Andrew Bacon
Managing Director
Basildon, England, UK
Date signed: 21/11/2025
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