Declaration of Performance

Kooltherm® Pipe Insulation CPL

1000.CPR.KTPipeCPL.001

Unique identification code of the product-type:	**Kooltherm® Pipe Insulation CPL**
Intended use/es:	**Thermal insulation for building equipment or industrial installations**
Manufacturer:	**Kingspan Technical Insulation Ltd, Glossop SK13 8GP,UK**
System/s of AVCP:	**System 3**
Harmonised technical specification	**EN 14314:2009+A1:2013**
Notified body:	**Efectis NB.1812, FIW München NB. 0751**

Essential characteristics		Performance
Thermal resistance	Thermal conductivity λ_D (W/(m.K))	See λ(T) curve
	Thickness tolerance	d_D for each thickness D_i for every diameter
	Closed cell content	CV >90%
	Durability of thermal resistance against ageing/degradation	The aged values of thermal conductivity are declared above
	Durability of thermal resistance against high temperature	ST(+) +110
Reaction to fire	Outside diameter ≤ 300 mm	RtF B_L-s1,d0
	Durability of reaction to fire against ageing/degradation and high temperature	The fire behaviour does not change over time
Service temperatures	Maximum service temperature	ST(+) +110
	Minimum service temperature	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	No harmonized test procedure available
NPD: No Performance Determined		

Signed for and on behalf of the manufacturer by:

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Ralph Mannion
Managing Director UK and Ireland
Pembridge, England, UK
Version 1
Version date 1/1/2021
First signed 1/1/2021

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