

Declaration of Performance

Kooltherm® K3 EUR

2210.CPR.2021.K3EUR.001

Unique identification code of the product-type:

Intended use/es:

Manufacturer:

System/s of AVCP:

Harmonised technical specification:

Notified body/ies:

Kooltherm® K3 EUR

Thermal insulation for buildings

Kingspan Insulation AB - Transportvägen 12 - 555 92, Jönköping (SE)

System 1; reaction to fire

System 3; all other characteristics

EN 13166:2012+A2:2016

RISE (No.: 0402)

Essential characteristics		Performance	
Thermal resistance	Thermal resistance R_D ((m ² .K)/W)	d_N 50mm	2.35
		d_N 60mm	2.85
		d_N 80mm	3.80
		d_N 100mm	4.75
		d_N 120mm	5.70
	Thermal conductivity λ_D (W/(m.K))	d_N 50-120mm	0.021
		Thickness tolerance	d_N 50-120mm T1
		Closed cell content	CV
Reaction to fire			RtF C-s1,d0
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,-)
			DS(70,90)
			DS(-20,-)
Compressive strength	Compressive stress or compressive strength		CS(Y)100
Tensile / Flexural strength	Tensile strength perpendicular to faces		NPD
Durability of compressive strength against ageing / degradation	Compressive creep		NPD
Water permeability	Short term water absorption		NPD
	Long term water absorption		NPD
Water vapour permeability	Water vapour transmission		NPD
Release of dangerous substances to the indoor environment			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.

Signed for and on behalf of the manufacturer by:

Henk Bassie,

Managing Director Continental Europe



Tiel, The Netherlands, 05.05.2021