

Declaration of Performance

1000.CPR.K-ROCT.2019.001

Unique identification code of the product-type:
Intended use/es:
Manufacturer:
System/s of AVCP:
Harmonised technical specification:
Notified body/ies:

K-Roc Tapered Flat Roof slab
Thermal insulation for buildings
Kingspan Insulation Ltd, Herefordshire HR6 9LA,UK
System 1 for RtF System 3 all other characteristics.
BS-EN 13162:2012+A1:2015
Eurofinns Expert services 0809

Essential characteristics		Performance
Thermal resistance	Thermal resistance R_D ((m ² .K)/W)	Refer to ML
	Thermal conductivity λ_D (W/(m.K))	0.038
	Thickness tolerance	T5
Reaction to fire	Euroclass	A1
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability of fire and thermal properties	NPD
Durability of Thermal Resistance Against Heat, Weathering, Ageing/Degradation		
Dimensional stability under specified temperature and humidity condition	Dimensional stability	DS(70,)
durability of compressive strength against ageing/degradation	Compressive creep	NPD
Compressive strength and stress	Compressive stress	CS(10)60
	Compressive strength	NPD
	Point load PL(5)	600N
Direct airborne sound insulation index	Air Flow Resistivity AFR	NPD
Durability of compressive strength against ageing / degradation	Compressive creep	NPD
Water permeability	Short term water absorption	≤ 1 kg/m ²
	Long term water absorption	≤ 3 kg/m ²
Water vapour permeability	Water vapour transmission Water Vapour Resistance Z	Mu 1 NPD
impact noise transmission index (for floors)	Dynamic Stiffness SD	NPD
Tensile flexural strength	Tensile Strength Perpendicular to Faces TR, σ_{mt}	NPD
Acoustic absorption index	Sound absorption	NPD



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Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD
Continuous glowing combustion	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.

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 1/1/2020
First signed 1/1/2020