



# Declaration of Performance

1000.CPR.K-ROCFS.2021.001

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

**K-Roc Framing Slab**  
**Thermal insulation for buildings**  
**Kingspan Insulation Ltd, Herefordshire HR6 9LA,UK**  
**System 1 for RtF, System 3 for all other characteristics.**  
**BS-EN 13162:2012+A1:2015**  
**Eurofinns Expert services 0809-0809 - CPR - 19000635**

Essential characteristics		Performance
Thermal resistance	Thermal resistance $R_D$ ((m <sup>2</sup> .K)/W)	Refer to ML
	Thermal conductivity $\lambda_D$ (W/(m.K))	0.036
	Thickness tolerance	T2
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	≤ 1 % DS(70,-)
durability of compressive strength against ageing/degradation	Compressive creep	NPD
Compressive strength and stress	Compressive stress	NPD
	Compressive strength	NPD
	Point load PL(5)	NPD
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 <sup>2</sup>
	Long term water absorption	≤ 3 kg/m <sup>2</sup>
Water vapour permeability	Water vapour transmission Water Vapour Resistance Z	Mu 1 NPD
impact noise transmission index (for floors)	Dynamic Stiffness SD	NPD



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Tensile flexural strength	Tensile Strength Perpendicular to Faces TR, $\sigma_{mt}$	NPD
Acoustic absorption index	Sound absorption	NPD
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**  
**Pembridge , England, UK**  
**Date signed: 24/09/2021**  
**Issue Number: 001**

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