



# Declaration of Performance

1000.CPR.K-ROCF5.2013.005

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 Reaction to Fire), System 3 (For Other Properties)**

**BS EN 13162:2012+A1:2015**

**Eurofins Expert services 0809**

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 diffusion resistance factor	Mu 1
	Water Vapour Resistance Z	NPD



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Impact noise transmission index (for floors)	Dynamic Stiffness SD	NPD
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.**

For System 1 AVCP Notified certification body No 0806 Performed, carried out the determination of the product type, the inspection of the manufacturing plant and factory production control and continuous surveillance, assessment and evaluation of the factory production control, and issued the certificate of constancy of performance for reaction to fire, cert no Eurofins Expert services-0809 - CPR – 19000635.

Notified testing lab 0809 Performed the test reports for the other relevant declared characteristics (AVCP System 3 properties).

Signed for and on behalf of the manufacturer by:

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**Siobhan O'Dwyer**  
**Managing Director**  
**Great Britain & Ireland**  
**Date signed: 11/11/2024**  
**Issue Number: 005**



For the most up-to-date version of the Declaration of Performance please scan or [click here](#).

To access pre-existing product information or information relating to previously sold/discontinued products please email [literature@kingspaninsulation.co.uk](mailto:literature@kingspaninsulation.co.uk).