

Declaration of Performance

1000.UKDoP.KRocRS.003

Unique identification code of the product-type: **K-Roc Rainscreen Slab**
 Intended use/es: **Thermal insulation for buildings**
 Manufacturer: **Kingspan Insulation Ltd, Herefordshire HR6 9LA, UK**
 System/s of AVCP: **System 1 (For Reaction to Fire), System 3 (For Other Properties).**
 Designated technical specification: **BS EN 13162:2012+A1:2015**
 UK Assessment Body: **BBA 0836**
 Certificate of constancy of performance no: **UK 0836-CPR-22/P6091**

Essential characteristics		Performance	Standard
Thermal resistance	Thermal resistance R_D ((m ² .K)/W)	Refer to ML	BS EN 13162:2012+A1:2015
	Thermal conductivity λ_D (W/(m.K))	0.034	
	Thickness tolerance	T4	
Reaction to fire	Euroclass	A1	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability of RtF fire properties	A1	
Durability of Thermal Resistance Against Heat, Weathering, Ageing/Degradation	Durability of Thermal properties	0.034	
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	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 ²	
	Long term water absorption	≤ 3 kg/m ²	
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, σ_{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			

ML– Manufactures Literature

EU Regulation 305/2011, as retained in UK law, and as amended by SI no. 465/2019 (the Construction Products (Amendment etc.) (EU Exit) Regulations 2019) and SI no. 1359/2020 (the Construction Products (Amendment etc.) (EU Exit) Regulations 2020.)

For System 1 AVCP Notified certification body No 0836 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 UK 0836-CPR-22/P6091

Notified testing lab 0836 Performed the test reports for the other relevant declared characteristics (AVCP 3 properties).

Signed for and on behalf of the manufacturer by:



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Aiveen Kearney
Managing Director
Pembridge, England, UK
Date signed: 14/07/2023
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