

Declaration of Performance

1000.UKDoP.KRocRS.005

Unique identification code of the product-type:
Intended use/es:
Manufacturer:
System/s of AVCP:

K-Roc Rainscreen 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
BBA:0836

Designated technical specification:
UK Assessment/Notified body/ies:

Essential characteristics		Performance
Thermal resistance	Thermal resistance R_D ((m ² .K)/W)	Refer to ML
	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	$\leq 1 \text{ kg/m}^2$
	Long term water absorption	$\leq 3 \text{ kg/m}^2$
Water vapour permeability	Water vapour diffusion resistance factor	μ 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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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](#).

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