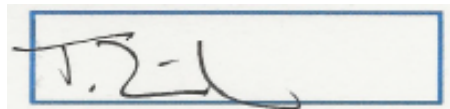


Declaration of Performance

- | | |
|---|--|
| 1 Unique identification code of the product type: | K-Roc RS 040219 |
| 2 Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article: | See product label |
| 3 Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: | Thermal insulation for buildings |
| 4 Name registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5): | Kingspan Limited,
Greenfield Business Park No 2,
Holywell, Flintshire, CH8 7GJ, UK |
| 5 Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2): | Not relevant |
| 6 System of assessment and verification of constancy of performance of the construction product as set out in Annex V: | System 1 and 3 |
| 7 In case of the declaration of performance concerning a construction product covered by a harmonized standard: | Notified certification body No. 0809 performed, carried out the determination of the product type, the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of constancy of performance for reaction to fire. Notified testing laboratory No. 0809 performed the test reports for the other relevant declared characteristics |
| 8 The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9 | |

This declaration of performance is issued under the sole responsibility of Kingspan Limited.

Signed on behalf of Kingspan Facades by:



Name: Dr. Thomas Henriksen
Position: Technical Director

Place and date: Kingscourt, 11/07/2019

9 Declared performance for K-Roc RS 040219

Essential Characteristics	Performance		Harmonised Technical Specification
Thermal resistance	Thermal resistance and R_D 2.95 m ² .K/W thermal conductivity λ_D 0.034 W/m.K thickness d_N 100mm, T4		EN 13162:2012+A1:2015
Reaction to fire	A1		
Durability of reaction to fire against heat, weathering, ageing/degradation	The fire performance of mineral wool does not deteriorate with time. The Euroclass classification of product is related to the organic content, which cannot increase with time.		
Durability of thermal resistance against heat, weathering, ageing/degradation*	Thermal resistance and thermal conductivity	NPD	
	Durability Characteristics	NPD	
Compressive Strength	NPD		
Tensile/Flexural Strength	NPD		
Durability of compressive strength against ageing/degradation	NPD		
Water Permeability	Water Absorption, Short Term WS, (Wp)	<= 1 kg/m ²	
	Water Absorption, Long Term WL(P), (Wlp)	<= 3 kg/m ²	
Water Vapour Permeability	Water Vapour Transmission MU	I	
	Water Vapour Resistance Z	NPD	
Impact Noise Transmission Index	NPD		
Acoustic Absorption Index	NPD		
Direct Airborne Sound Insulation Index	NPD		
Release of dangerous substances to the indoor environment	NPD		
Continuous glowing combustion	NPD		

NPD No Performance Determined

* Refer to EN 13162:2012+A1:2015 Table ZA.1 in Annex ZA

JH