



**CE Marking information for slate for discontinuous roofing and cladding, AVCP System 4**

Description of product  
Rio Graphite Roofing Slate – nominal thickness (7mm)

<b>CE</b>				
Lagan Building Solutions Ltd, 11B Sheepwalk Road, Lisburn. Co Antrim. BT28 3RD.				
EN12326-1:2014				
Rio Graphite Roofing Slate				
Intended to be used as discontinuous roofing and external cladding				
Nominal Thickness	Available as 7mm			
Individual Thickness	7.0mm (< ± 35%)			
Deviation of length and width, edge straightness and squareness	Complies			
Mechanical Resistance (Characteristic MoR)	Transverse	55MPa	Longitudinal	52MPa
Water Permeability – water absorption	W1 ≤ 0.6%			
Apparent calcium carbonate	< 5%			
Durability:				
Water absorption	W1 ≤ 0.6%			
Freeze thaw cycling	Not required			
Thermal cycling	T1			
Sulphur dioxide exposure	S1			
Non-carbonate carbon	Complies: ≤ 2%			
Release of dangerous substances	None in conditions as roofing or external cladding			
External fire performance	Deemed to satisfy			
Reaction to fire	Deemed to satisfy class A1			

**Dangerous Substances**

All LBS slate roofing products are inert unless the physical characteristics of the individual items are altered by processing. In conditions of use as roofing or external cladding, this product does not release dangerous substances.

The performance of the product identified above is in conformity with the declared performance in the above table. This declaration of performance is issued under the sole responsibility of Lagan Building Solutions Ltd.

Signed for and on behalf of LBS by:

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