



## DECLARATION OF PERFORMANCE

### EC CONSTRUCTION PRODUCTS REGULATION EN 12326 ROOFING AND CLADDING SLATE

<b>DOP Number</b>		<b>DOP 04/2016</b>		
1. Unique Identification Code of the Product Type		<b>Celtas</b>		
2. Type or batch allowing identification of the construction product		La Bana, Castilla y Leon, Spain		
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer.		Slate for discontinuous Roofing and Cladding		
4. Name, registered name, or trademark and contact address of the manufacturer		Gordon H Richards Ltd, The Old Slate Depot, Llanrwst Road, Glan Conwy, Conwy, LL28 5TH		
5. Where applicable, name and contact address of the authorised representative.		N/A		
6. System or systems of assessment and verification of constancy of performance		AVCP System 4		
<b>7. Declared Performance</b>				
<b>Essential Characteristics for Pitched Roof Coverings</b>	<b>Performance</b>			<b>Harmonised Technical Specification</b>
Mechanical Resistance	Average MOR:			
	Transverse	<b>60 Mpa</b>	Longitudinal	<b>71 Mpa</b>
	Characteristic MOR:			
	Transverse	<b>48 Mpa</b>	Longitudinal	<b>58 Mpa</b>
External Fire Performance	Deemed to satisfy			
Reaction to Fire	Deemed to satisfy Class A1			
<b>Dimensional Tolerances</b>				
Slate Type	Very Smooth	Smooth	Normal	Textured
Deviation from Flatness		< 1.0%		
Nominal Thickness & Variation		+/- 35%		
Deviation from Declared Length				<± 5mm
Deviation from Declared Width				<± 5mm
Deviation from squareness				<± 1mm
Deviation from straightness of edges				<± 5mm or 1%
<b>Durability</b>				
Water Absorption				A1 (0.4%)
Freeze Thaw				Not required
Thermal Cycle Test				T1
Carbonate Content				0.60%
SO2 Exposure Test ≤ 20%				S1
Non Carbonate Content				0.40%
Release of Dangerous Substances	None in conditions of use as roofing or external cladding			

**EN 12326  
Part 1: 2004  
Part 2: 2011**

The product(s) identified in Points 1 and 2 are in conformity with the declared performance in Point 7. This declaration of performance is the sole responsibility of the manufacturer identified in Point 4.

Authorised by:

**Robert M Curry, Managing Director, Gordon H Richards Ltd**

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