



Declaration of Performance Ref – BPWS 201 Cwt-y-Bugail Modular Tiles



Welsh Slate modular tiles products conform to the requirements of the CE mark.

1. Unique Identification of the product	This declaration applies to all natural slate finished products from the variants below, and for all batches.	
	Cwt-y-Bugail Riven	Cwt-y-Bugail Flamed
	Cwt-y-Bugail Tumbled	Cwt-y-Bugail Honed
	Cwt-y-Bugail Antique	
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11 (4):	Products – Natural Slate Products, Cwt-y-Bugail Slate Tiles with a thickness of 12mm or less	
	Denomination – CWT-Y-BUGAIL, Slate, Blue-Grey - Cwt-y-Bugail Quarry, Gwynedd, Wales	
3. Intended use or uses of the construction product in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:	Natural Welsh Slate tiles made for internal (including enclosed public transport premises) and / or external use as floors and stairs.	
4. Name, registered trade name or registered trademark and contact address of the manufacturer as required pursuant to Article 11 (5):	Welsh Slate, Penrhyn Quarry, Bethesda, Bangor, Gwynedd, LL57 4YG United Kingdom e-mail enquiries@welshslate.com www.welshslate.com Registration No: 156531	
5. Where applicable, name and contact address of the authorised representative whose tasks specified in Article 12 (2):	Not applicable	
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:	Attestation Level 3 & 4 - All products Tasks: Initial Type Test, Factory Production Control, periodic testing to sampling plan, FPC subject to continuous surveillance, assessment and evaluation.	
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:	0513	
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:	Not Relevant	

9. Declared performance	 0513		Year of first affixing CE Mark – 2017
Essential Characteristics	Performance	12057:2015 Clause	Test Standard
Resistance to Fire	Class A1	4.2.7	N/A
Breaking Strength as Flexural Strength - lower expected value - mean value - standard deviation	58.9 MPa 72.5 MPa 6.8	4.2.4	EN 12372
Slip Resistance - Riven (SRV "Wet" "Dry") - Tumbled (SRV "Wet" "Dry") - Antique (SRV "Wet" "Dry") - Flamed (SRV "Wet" "Dry") - Honed (SRV "Wet" "Dry")	63,73 47,69 56,68 56,74 59,72	4.2.13	CEN/TS 16165:2012 Annexe C
Tactility	None	4.2.15	CEN/TS 15029
Direct Airborne Sound Insulation - Mean value	NPD	4.2.16	EN 1936
Thermal Conductivity	2.2 W/(mK)	4.2.17	EN 1745
Release of Radioactivity	None	4.2.18.1	N/A
Release of Dangerous Substances	None	4.2.18.2	N/A
Durability of Flexural Strength against Freeze Thaw - Mean value before Freeze Thaw - Mean value after Freeze Thaw	72.5 MPa 49.2 MPa	4.2.10.1	EN 12371
10. 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 the manufacturer identified in point 4.	<p>I hereby declare that the products named above are in conformity with the essential requirements of the Construction Products Regulations, and Annex ZA of EN 12057:2015</p> <p>Signed for and on behalf of the manufacturer by:</p>  <p>Sean Edwards - Performance Improvement Manager Date: 4th January 2021</p>		