



DECLARATION OF PERFORMANCES

Nº 49/2017/001

Identification of the product- type:

SAMACA 49 - Maria del Carmen - La Baña: Slate for discontinuous roofing and cladding

Identification elements of the product :

Available on contractual documents and packaging : quarry, selection, size, thickness.

Use and European Standard of reference:

EN 12326-1 (2004) & -2(2011): Slate and stone elements for discontinuous roofing and cladding.

Producer:

PIZARRAS GONTA, S.A. El Trigal, s/n 32337 Sobrado de Valdeorras (OURENSE) ESPAGNE. Mail: info@pizarrasgonta.com

Authorised representative:

PIZARRAS SAMACA, S.A El Trigal, s/n 32337 Sobrado de Valdeorras (Ourense). Mail : samaca@samaca.com

System of assessment and verification of constancy of performance (AVCP):

System 4

Declared performances:

Date of sampling: 01/02/2017		Date of testing: 05/04/2017				Harmonized technical specifications	
Characteristics		Performances					
1	Dimensional tolerances					EN 12326 Part 1: 2004 Part 2: 2011	
1.1	Dimensions	According to contractual documents					
1.2	Deviation from declared length	$<\pm 5 \text{ mm}$		Pass			
1.3	Deviation from declared width	$<\pm 5 \text{ mm}$		Pass			
1.4	Deviation from squareness	$<\pm 1 \%$		Pass			
1.5	Deviation from straightness of edges	$\leq 5 \text{ mm or } 1 \%$ (according to applicable regulations)					Pass
1.6	Slate type for deviation from flatness	Very Smooth	Smooth	Normal	Textured		
1.7	Deviation from flatness			$< 1,5 \%$			
2	Thickness	According to contractual documents					
2.1	Slate type for packed thickness calculation	Very Smooth	Smooth	Normal	Textured		
2.2	Variation of individual/ nominal thickness			$\pm 35 \%$			
3	Strength						
3.1	Characteristic MOR	Transversal	30,7Mpa	Longitudinal	50,9Mpa	Pass	
3.2	Average MOR	Transversal	40,5Mpa	Longitudinal	62,1Mpa	Pass	
4	Water absorption	0,32%				Pass	
5	Freeze thaw	Not required				Pass	
6	Thermal cycle test	T1				Pass	
7	Carbonate content	0,8%				Pass	
8	SO2 Exposure test	$\leq 20\%$ carbonate		S1		Pass	
9	Non-carbonate carbon content	0,3%				Pass	
10	External fire performance	Deemed to satisfy				Pass	
11	Reaction to fire	Deemed to satisfy class A1				Pass	
12	Release of dangerous substances	None in conditions of use as roofing or external cladding					

Information given is referenced to the test data except for any typographical errors.

Declaration of performance issued by and under the responsibility of GONTA, S.A.

El Trigal, 05/04/2017

Angel Nogueira Perez, Quality manager



PIZARRAS SAMACA, S.A.

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