

DECLARATION OF PERFORMANCES

Nº 49/2025/001

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 discontinuos roofing and cladding.

Quarry:

Maria del Carmen - La Baña

Authorised representative:

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

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

System 4

Declared performances:

Characteristics			Performances				Harmonized technical specifications	
1	Dimensional tolerances						EN 12326 Part 1: 2004 Part 2: 2011	
1.1	Dimensions		According to contractual documents					
1.2	Deviation from declared length		<± 5 mm			Pass		
1.3	Deviation from declared width		<± 5 mm			Pass		
1.4	Deviation from squareness		<± 1 %			Pass		
1.5	Deviation from straightness of edges		≤ 5 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				+/- 35%			
3	Strength							
3.1	Characteristic MOR		Transversal	34Mpa	Longitudinal	55Mpa		Pass
4	Water absorption		0,30%			Pass		
5	Freeze thaw		Not required			Pass		
6	Thermal cycle test		T1			Pass		
7	Carbonate content		0,8%			Pass		
8	SO2 Exposure test	≤ 20% carbonate	S1			Pass		
9	Non-carbonate carbon content		0,5%			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					

*Performance in accordance with test results, except for transcription errors.

This declaration of performance is issued under the sole responsibility of the manufacturer.

Signed on behalf of the manufacturer by:

Javier Estévez, Sales Director

El Trigal, 01/01/2025

