





## DECLARATION OF PERFORMANCE (N°305/211)

N° 0009

<b>1 Identification of the product-type</b>	<b>Slate Cupa 9</b>				
<b>2 Type of slate</b>	Non carbonated slate formed by tectonic compression				
<b>Quarry</b>	Cantera "ANABEL". Abejeda de Aliste, Zamora, (España)				
<b>Sizes</b> Naturelle	40x25, 40x22, 35x25, 32x22, 30x20				
<b>3 Intended uses of the product</b>	Slates for discontinuous roofing an external cladding (UNE-EN 12326-1)				
<b>4 Name and adress of the representative</b>	CUPA GROUP S.A. La medua s/n Sobradelo de Valdeorras (32330), Ourense ,España e-mail: info.cupa@cupagroup.com Fax: 988335599 Teléfono: 988335410				
<b>5 System of assesment of performance</b>	System 4				
<b>6 Declared performance</b>					
<b>ESSENTIAL CHARACTERISTICS</b>	<b>PERFORMANCE</b>				<b>HARMONISED STANDARD</b>
Deviation from declared length and width	Complies < ±5mms				UNE EN 12326-1
Deviation from squareness	Complies <±1%				UNE EN 12326-1
Deviation from straightness of edges	Complies <±1%				UNE EN 12326-1
Slate type for deviation from flatness	Very Flat	Flat	Normal	Non flat	UNE EN 12326-1
Deviation from flatness	<del>Very Flat</del>				UNE EN 12326-1
Slate type for the calculation of the packaged slate thickness	Very smooth	Smooth	Normal	Texturised	UNE EN 12326-1
Nominal thickness and variation					4 (±35%) UNE EN 12326-1
Characteristic modulus of rupture	Transverse	53 MPA	Longitudinal	71,2 MPA	UNE EN 12326-1
Water absorption	0,40% Code : W1 (< 0,6%)				UNE EN 12326-1
Freeze thaw test	Fullfil < 0,6%				UNE EN 12326-1
Thermal cycle test	T1				UNE EN 12326-1
Apparent calcium carbonate content	0,80% (< 5%)				UNE EN 12326-1
SO2 exposure test	S1				UNE EN 12326-1
Non carbonate carbón content	0,40% Complies (< 2%)				UNE EN 12326-1
External fire exposure / Reaction to fire	Deemed to satisfy, class Broof / Clase A1				UNE EN 12326-1
Dangerous substances emission	None in conditions of use as roofing or external cladding				UNE EN 12326-1
<b>Sustainability</b>	DAPc-Bre Fullfil				ISO 14025/ISO21930

\* The performance of the product identified in point 1 and 2, is in conformity with the declared performance in table 1

\* This declaration is sole responsibility of the manufacturer identified in point 4

Signed on behalf of the manufacturer by the Quality Manager

Sobradelo de Valdeorras at January 17, 2017

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<b>2 Type of slate</b>	Non carbonated slate formed by tectonic compression				
<b>Quarry</b>	Cantera "ANABEL". Abejeda de Aliste, Zamora, (España)				
<b>Sizes</b> EXCELLENCE	60x30, 50x38, 50x25, 40x38, 40x22, 40x20, 35x25, 35x22, 32x22, 30x30, 30x20, 27x18, 25x25, 20x20				
<b>3 Intended uses of the product</b>	Slates for discontinuous roofing an external cladding (UNE-EN 12326-1)				
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<b>5 System of assesment of performance</b>	System 4				
<b>6 Declared performance</b>					
<b>ESSENTIAL CHARACTERISTICS</b>	<b>PERFORMANCE</b>				<b>HARMONISED STANDARD</b>
Deviation from declared length and width	Complies < ±5mms				UNE EN 12326-1
Deviation from squareness	Complies <±1%				UNE EN 12326-1
Deviation from straightness of edges	Complies <±1%				UNE EN 12326-1
Slate type for deviation from flatness	Very Flat	Flat	Normal	Non flat	UNE EN 12326-1
Deviation from flatness	<del>Very Flat</del>				UNE EN 12326-1
Slate type for the calculation of the packaged slate thickness	Very smooth	Smooth	Normal	Texturised	UNE EN 12326-1
Nominal thickness and variation	5 (±25%)				UNE EN 12326-1
Characteristic modulus of rupture	Transverse	53 MPA	Longitudinal	71,2 MPA	UNE EN 12326-1
Water absorption	0,40% Code : W1 (< 0,6%)				UNE EN 12326-1
Freeze thaw test	Fullfil < 0,6%				UNE EN 12326-1
Thermal cycle test	T1				UNE EN 12326-1
Apparent calcium carbonate content	0,80% (< 5%)				UNE EN 12326-1
SO2 exposure test	S1				UNE EN 12326-1
Non carbonate carbón content	0,40% Complies (< 2%)				UNE EN 12326-1
External fire exposure / Reaction to fire	Deemed to satisfy, class Broof / Clase A1				UNE EN 12326-1
Dangerous substances emission	None in conditions of use as roofing or external cladding				UNE EN 12326-1
Sustainability	DAPc-Bre Fullfil				ISO 14025/ISO21930

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<b>Quarry</b>	Cantera "ANABEL". Abejeda de Aliste, Zamora, (España)				
<b>Sizes</b> EXCELLENCE	60x30, 50x38, 50x25, 40x38, 40x22, 40x20, 35x25, 35x22, 32x22, 30x30, 30x20, 27x18, 25x25, 20x20				
<b>3 Intended uses of the product</b>	Slates for discontinuous roofing an external cladding (UNE-EN 12326-1)				
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<b>ESSENTIAL CHARACTERISTICS</b>	<b>PERFORMANCE</b>				<b>HARMONISED STANDARD</b>
Deviation from declared length and width	Complies < ±5mms				UNE EN 12326-1
Deviation from squareness	Complies <±1%				UNE EN 12326-1
Deviation from straightness of edges	Complies <±1%				UNE EN 12326-1
Slate type for deviation from flatness	Very Flat	Flat	Normal	Non flat	UNE EN 12326-1
Deviation from flatness	<del>XXXXXXXXXX</del>				UNE EN 12326-1
Slate type for the calculation of the packaged slate thickness	Very smooth	Smooth	Normal	Texturised	UNE EN 12326-1
Nominal thickness and variation	6 (±25%)				UNE EN 12326-1
Characteristic modulus of rupture	Transverse	53 MPA	Longitudinal	71,2 MPA	UNE EN 12326-1
Water absorption	0,40% Code : W1 (< 0,6%)				UNE EN 12326-1
Freeze thaw test	Fullfil < 0,6%				UNE EN 12326-1
Thermal cycle test	T1				UNE EN 12326-1
Apparent calcium carbonate content	0,80% (< 5%)				UNE EN 12326-1
SO2 exposure test	S1				UNE EN 12326-1
Non carbonate carbón content	0,40% Complies (< 2%)				UNE EN 12326-1
External fire exposure / Reaction to fire	Deemed to satisfy, class Broof / Clase A1				UNE EN 12326-1
Dangerous substances emission	None in conditions of use as roofing or external cladding				UNE EN 12326-1
Sustainability	DAPc-Bre Fullfil				ISO 14025/ISO21930

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