

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

N° 0014

1 Identification of the product-type	<b>Slate Cupa 14</b>				
2 Type of slate	Non carbonated slate formed by tectonic compression				
Quarry	Las fuentes Benuza, Leon, España				
Sizes EXCELLENCE	60x45, 60x35, 60x30, 50x45, 50x38, 50x30, 50x25, 46x33, 46x25, 46x22, 40x40, 40x38, 40x30, 40x25, 40x20, 35x25, 35x20, 30x20, 30x15, 27x18, 25x18 30x30M.I., 25x25M.I., 20x20M.I. Schuppen: 40x30, 36x28, 34x28, 32x28, 30x25, 28x23, 26x21, 24x19, 22x17, 20x15 Fischuschuppen: 40x19, 30x19, 25x19, 22x15, 20x15 Spitzwinkel: 47x31, 43x29, 38x25, 36x24, 33x21, 30x20, 29x19, 26x18, 24x15, 21x13 Spitzort: 35x19, 31x16, 26x14, 21x12				
3 Intended uses of the product	Slates for discontinuos roofing an external cladding (UNE-EN 12326-1)				
4 Name and adress of the representative	CUPA PIZARRAS S.A. La medua s/n Sobradelo de Valdeorras (32330), Ourense, Spain e-mail: info.cupa@cupagroup.com Fax: +34988335410 Phone: +34988335410				
5 System of assesment of performance	System 4				
<b>6 Declared performance</b>					
ESSENTIAL CHARACTERISTICS	PERFORMANCE				HARMONISED STANDARD
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>X</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 (±35%)				UNE EN 12326-1
Characteristic modulus of rapture	Transverse	40 MPA	Longitudinal	37 MPA	UNE EN 12326-1
Water absorption	0,21% Code : W1 (< 0,4%)				UNE EN 12326-1
Freeze thaw test	Complies < 0,4%				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	0,27% 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				DTOR,CALIDAD UNE EN 12326-1
Sustainability	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>	Las fuentes Benuza, Leon, España				
<b>Sizes</b> ARDOISIERE	60x45, 60x35, 60x30, 50x45, 50x38, 50x30, 50x25, 46x33, 46x25, 46x22, 40x40, 40x38, 40x30, 40x25, 40x20, 35x25, 35x20, 30x20, 30x15, 27x18, 25x18 30x30M.I., 25x25M.I., 20x20M.I.				
<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 PIZARRAS S.A. La medua s/n Sobradelo de Valdeorras (32330), Ourense, Spain e-mail: info.cupa@cupagroup.com Fax: +34988335410 Phone: +34988335410				
<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>Complies &lt;±1%</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 (±35%)				UNE EN 12326-1
Characteristic modulus of rupture	Transverse	40 MPA	Longitudinal	37 MPA	UNE EN 12326-1
Water absorption	0,21% Code : W1 (< 0,4%)				UNE EN 12326-1
Freeze thaw test	Complies < 0,4%				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	0,27% 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

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

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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>	Las fuentes Benuza, Leon, España				
<b>Sizes</b> ARDOISIERE	60x45, 60x35, 60x30, 50x45, 50x38, 50x30, 50x25, 46x33, 46x25, 46x22, 40x40, 40x38, 40x30, 40x25, 40x20, 35x25, 35x20, 30x20, 30x15, 27x18, 25x18 30x30M.I., 25x25M.I., 20x20M.I.				
<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 PIZARRAS S.A. La medua s/n Sobradelo de Valdeorras (32330), Ourense, Spain e-mail: info.cupa@cupagroup.com Fax: +34988335410 Phone: +34988335410				
<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>
<b>Deviation from declared length and width</b>	Complies < ±5mms				UNE EN 12326-1
<b>Deviation from squareness</b>	Complies <±1%				UNE EN 12326-1
<b>Deviation from straightness of edges</b>	Complies <±1%				UNE EN 12326-1
<b>Slate type for deviation from flatness</b>	<b>Very Flat</b>	<b>Flat</b>	<b>Normal</b>	<b>Non flat</b>	UNE EN 12326-1
<b>Deviation from flatness</b>	<del>XXXXXXXXXX</del>				UNE EN 12326-1
<b>Slate type for the calculation of the packaged slate thickness</b>	<b>Very smooth</b>	<b>Smooth</b>	<b>Normal</b>	<b>Texturised</b>	UNE EN 12326-1
<b>Nominal thickness and variation</b>	6,5 (±35%)				UNE EN 12326-1
<b>Characteristic modulus of rapture</b>	<b>Transverse</b>	40 MPA	<b>Longitudinal</b>	37 MPA	UNE EN 12326-1
<b>Water absorption</b>	0,21% Code : W1 (< 0,4%)				UNE EN 12326-1
<b>Freeze thaw test</b>	Complies < 0,4%				UNE EN 12326-1
<b>Thermal cycle test</b>	T1				UNE EN 12326-1
<b>Apparent calcium carbonate content</b>	0,80% (< 5%)				UNE EN 12326-1
<b>SO2 exposure test</b>	S1				UNE EN 12326-1
<b>Non carbonate carbón content</b>	0,27% Complies (< 2%)				UNE EN 12326-1
<b>External fire exposure / Reaction to fire</b>	Deemed to satisfy, class Broof / Clase A1				UNE EN 12326-1
<b>Dangerous substances emission</b>	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

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Sobradelo de Valdeorras at January 17, 2017

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2 Type of slate	Non carbonated slate formed by tectonic compression				
Quarry	Las fuentes Benuza, Leon, España				
Sizes Naturelle	60x45, 60x35, 60x30, 50x45, 50x38, 50x30, 50x25, 46x33, 46x25, 46x22, 40x40, 40x38, 40x30, 40x25, 40x20, 35x25, 35x22, 35x20, 32x22, 30x20, 30x15, 27x18, 25x18				
3 Intended uses of the product	Slates for discontinuos roofing an external cladding (UNE-EN 12326-1)				
4 Name and adress of the representative	CUPA PIZARRAS S.A. La medua s/n Sobradelo de Valdeorras (32330), Ourense, Spain e-mail: info.cupa@cupagroup.com Fax: +34988335410 Phone: +34988335410				
5 System of assesment of performance	System 4				
<b>6 Declared performance</b>					
ESSENTIAL CHARACTERISTICS	PERFORMANCE				HARMONISED STANDARD
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>Complies &lt;±1%</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					6,5 (±35%)
Characteristic modulus of rapture	Transverse	40 MPA	Longitudinal	37 MPA	UNE EN 12326-1
Water absorption	0,21% Code : W1 (< 0,4%)				UNE EN 12326-1
Freeze thaw test	Complies < 0,4%				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	0,27% 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>2 Type of slate</b>	Non carbonated slate formed by tectonic compression				
<b>Quarry</b>	Las fuentes Benuza, Leon, España				
<b>Sizes</b>	Heavy	50x38,50x35,46x30,45x25,46x22, 50x25,40x40, 40x38, 40x25, 40x30, 40x20, 35x30, 35x20, 32x22			
	Ardoisiere G	30x30, 30x20			
	Pirineas	40x30 Rombo, 35x25 Rombo			
		32X26, 32X22, 332X20, 32X18, 32X15			
<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>Complies &lt;±1%</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	7,5 (±35%)				UNE EN 12326-1
Characteristic modulus of rupture	Transverse	40 MPA	Longitudinal	37 MPA	UNE EN 12326-1
Water absorption	0,21% Code : W1 (< 0,4%)				UNE EN 12326-1
Freeze thaw test	Complies < 0,4%				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	0,27% 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

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

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