# DECLARATION OF PERFORMANCE (Nº305/211)

**Nº 0002**

| | | | | | |
|---|---|---|---|---|---|
| **1 Identification of the product-type** | **Slate Cupa 2** | | | | |
| **2 Type of slate** | Non carbonated slate originated by tectonic compresion | | | | |
| **Quarry** | Riodolas Carballeda, Ourense, España | | | | |
| **Sizes** EXCELLENCE | 40x25, 40x22, 40x20, 35x25, 35x20, 33x23, 32x22, 30x20, 27x18, 25x18 | | | | |
| **3 Intented 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 ,España<br>e-mail: info.cupa@cupagroup.com Fax: 988335599 Teléfono: 988335410 | | | | |
| **5 System of assesment of performance** | System 4 | | | | |
| **6 Declared performance** | | | | | |
| **ESSENTIAL CARACTERISTICS** | **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** | X | | | | 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** | | | 3,5 (±25%) | | UNE EN 12326-1 |
| **Characteristic modulus of rupture** | **Transverse** | 39,4 MPA | **Longitudinal** | 54,4 MPA | UNE EN 12326-1 |
| **Water absorption** | 0,18% 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** | 0,50% (< 5%) | | | | UNE EN 12326-1 |
| **SO2 exposure test** | S1 | | | | UNE EN 12326-1 |
| **Non carbonate carbon content** | 0,30% 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<br>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 responsability of the manufacturer identified in point 4**

**Signed on behalf of the manufacturer by the Quality Manager**

Sobradelo de Valdeorras at January 17, 2017

# DECLARATION OF PERFORMANCE (Nº305/211)

**Nº 0002**

| | | | | | |
|---|---|---|---|---|---|
| **1 Identification of the product-type** | **Slate Cupa 2** | | | | |
| **2 Type of slate** | Non carbonated slate originated by tectonic compresion | | | | |
| **Quarry** | Riodolas Carballeda, Ourense, España | | | | |
| **Sizes** ARDOISIERE | 40x25, 40x22, 40x20, 35x25, 35x20, 33x23, 32x22, 30x20, 27x18, 25x18 | | | | |
| **3 Intented 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 ,España<br>e-mail: info.cupa@cupagroup.com Fax: 988335599 Teléfono: 988335410 | | | | |
| **5 System of assesment of performance** | System 4 | | | | |
| **6 Declared performance** | | | | | |
| **ESSENTIAL CARACTERISTICS** | **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** | X | | | | 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** | | | 3,5 (±25%) | | UNE EN 12326-1 |
| **Characteristic modulus of rupture** | **Transverse** | 36 MPA | **Longitudinal** | 54 MPA | UNE EN 12326-1 |
| **Water absorption** | 0,18% 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** | 0,50% (< 5%) | | | | UNE EN 12326-1 |
| **SO2 exposure test** | S1 | | | | UNE EN 12326-1 |
| **Non carbonate carbon content** | 0,30% 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**

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

**Signed on behalf of the manufacturer by the Quality Manager**

Sobradelo de Valdeorras at January 17, 2017

# DECLARATION OF PERFORMANCE (Nº305/211)

**Nº 0002**

| | | | | | |
|---|---|---|---|---|---|
| **1 Identification of the product-type** | **Slate Cupa 2** | | | | |
| **2 Type of slate** | Non carbonated slate originated by tectonic compresion | | | | |
| **Quarry** | Riodolas Carballeda, Ourense, España | | | | |
| **Sizes** EXCELLENCE | 40x25, 40x22, 40x20, 35x25, 35x20, 33x23, 32x22, 30x20, 27x18, 25x18<br>60x45, 60x30, 50x38, 50x25, 45x25, 40x30 SCHUPPEN, 22x17 SCHUPPEN<br>30x30 ML, 25x25 ML, 20x20 ML | | | | |
| **3 Intented 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 ,España<br>e-mail: info.cupa@cupagroup.com Fax: 988335599 Teléfono: 988335410 | | | | |
| **5 System of assesment of performance** | System 4 | | | | |
| **6 Declared performance** | | | | | |
| **ESSENTIAL CARACTERISTICS** | **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** | X | | | | 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** | 36 MPA | **Longitudinal** | 54 MPA | UNE EN 12326-1 |
| **Water absorption** | 0,18% 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** | 0,50% (< 5%) | | | | UNE EN 12326-1 |
| **SO2 exposure test** | S1 | | | | UNE EN 12326-1 |
| **Non carbonate carbon content** | 0,30% 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**

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

**Signed on behalf of the manufacturer by the Quality Manager**

Sobradelo de Valdeorras at January 17, 2017

# DECLARATION OF PERFORMANCE (Nº305/211)

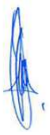
**Nº 0002**

| | | | | | |
|---|---|---|---|---|---|
| **1 Identification of the product-type** | **Slate Cupa 2** | | | | |
| **2 Type of slate** | Non carbonated slate originated by tectonic compresion | | | | |
| **Quarry** | Riodolas Carballeda, Ourense, España | | | | |
| **Sizes** ARDOISIERE | 40x25, 40x22, 40x20, 35x25, 35x20, 33x23, 32x22, 30x20, 27x18, 25x18<br>60x45, 60x30, 50x38, 50x25, 45x25 | | | | |
| **3 Intented 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 ,España<br>e-mail: info.cupa@cupagroup.com Fax: 988335599 Teléfono: 988335410 | | | | |
| **5 System of assesment of performance** | System 4 | | | | |
| **6 Declared performance** | | | | | |
| **ESSENTIAL CARACTERISTICS** | **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** | X | | | | 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** | 36 MPA | **Longitudinal** | 54 MPA | UNE EN 12326-1 |
| **Water absorption** | 0,18% 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** | 0,50% (< 5%) | | | | UNE EN 12326-1 |
| **SO2 exposure test** | S1 | | | | UNE EN 12326-1 |
| **Non carbonate carbon content** | 0,30% 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**

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

**Signed on behalf of the manufacturer by the Quality Manager**



Sobradelo de Valdeorras at January 17, 2017

# DECLARATION OF PERFORMANCE (Nº305/211)

**Nº 0002**

| | | | | | |
|---|---|---|---|---|---|
| **1 Identification of the product-type** | **Slate Cupa 2** | | | | |
| **2 Type of slate** | Non carbonated slate originated by tectonic compresion | | | | |
| **Quarry** | Riodolas Carballeda, Ourense, España | | | | |
| **Sizes** EXCELLENCE | 40x25, 40x22, 40x20, 35x25, 35x20, 33x23, 32x22, 30x20, 27x18, 25x18<br>60x45, 60x30, 50x38, 50x25, 45x25, 40x30 SCHUPPEN, 22x17 SCHUPPEN<br>30x30 ML, 25x25 ML, 20x20 ML | | | | |
| **3 Intented 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 ,España<br>e-mail: info.cupa@cupagroup.com Fax: 988335599 Teléfono: 988335410 | | | | |
| **5 System of assesment of performance** | System 4 | | | | |
| **6 Declared performance** | | | | | |
| **ESSENTIAL CARACTERISTICS** | **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** | X | | | | 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** | 36 MPA | **Longitudinal** | 54 MPA | UNE EN 12326-1 |
| **Water absorption** | 0,18% 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** | 0,50% (< 5%) | | | | UNE EN 12326-1 |
| **SO2 exposure test** | S1 | | | | UNE EN 12326-1 |
| **Non carbonate carbon content** | 0,30% 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**

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

**Signed on behalf of the manufacturer by the Quality Manager**

Sobradelo de Valdeorras at January 17, 2017

# DECLARATION OF PERFORMANCE (Nº305/211)

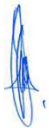
**Nº 0002**

| | | | | | |
|---|---|---|---|---|---|
| **1 Identification of the product-type** | **Slate Cupa 2** | | | | |
| **2 Type of slate** | Non carbonated slate originated by tectonic compresion | | | | |
| **Quarry** | Riodolas Carballeda, Ourense, España | | | | |
| **Sizes** ARDOISIERE | 40x25, 40x22, 40x20, 35x25, 35x20, 33x23, 32x22, 30x20, 27x18, 25x18<br>60x45, 60x30, 50x38, 50x25, 45x25 | | | | |
| **3 Intented 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 ,España<br>e-mail: info.cupa@cupagroup.com Fax: 988335599 Teléfono: 988335410 | | | | |
| **5 System of assesment of performance** | System 4 | | | | |
| **6 Declared performance** | | | | | |
| **ESSENTIAL CARACTERISTICS** | **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** | X | | | | 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** | 36 MPA | **Longitudinal** | 54 MPA | UNE EN 12326-1 |
| **Water absorption** | 0,18% 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** | 0,50% (< 5%) | | | | UNE EN 12326-1 |
| **SO2 exposure test** | S1 | | | | UNE EN 12326-1 |
| **Non carbonate carbon content** | 0,30% 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**

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

**Signed on behalf of the manufacturer by the Quality Manager**



Sobradelo de Valdeorras at January 17, 2017

# DECLARATION OF PERFORMANCE (Nº305/211)

**Nº 0002**

| | | | | | |
|---|---|---|---|---|---|
| **1 Identification of the product-type** | **Slate Cupa 2** | | | | |
| **2 Type of slate** | Non carbonated slate originated by tectonic compresion | | | | |
| **Quarry** | Riodolas Carballeda, Ourense, España | | | | |
| **Sizes** Heavy | 50x38, 50x25, 40x38, 40x25, 40x20, 35x25, 30x20 | | | | |
| **3 Intented 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 ,España<br>e-mail: info.cupa@cupagroup.com Fax: 988335599 Teléfono: 988335410 | | | | |
| **5 System of assesment of performance** | System 4 | | | | |
| **6 Declared performance** | | | | | |
| **ESSENTIAL CARACTERISTICS** | **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** | X | | | | 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 (±25%) | | | UNE EN 12326-1 |
| **Characteristic modulus of rupture** | **Transverse** | 36 MPA | **Longitudinal** | 54 MPA | UNE EN 12326-1 |
| **Water absorption** | 0,18% 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** | 0,50% (< 5%) | | | | UNE EN 12326-1 |
| **SO2 exposure test** | S1 | | | | UNE EN 12326-1 |
| **Non carbonate carbon content** | 0,30% 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**

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

**Signed on behalf of the manufacturer by the Quality Manager**

Sobradelo de Valdeorras at January 17, 2017