

## ACCOMPANIMENT DOCUMENT / DECLARATION OF CONFORMITY

**Manufacturer:** Las Arcas Prada

**EN 12326-1:2004**

**Comercial document number:** 07003 | **Issue date:** 13/11/2007

**Comercial document issued by:** Cupa Pizarras S.A.

**Quarry or mine location:** Arcas Prada. San Pedro de Trones. León ( España )

This document establishes conformity of the product described above and becomes uncomplete without the explanation of the essay results and the requests of the EN 12326-1:2004 Norm. The essays to which it refers and the criteria are included in the EN 12326-1:2004 and :2-2000 Norm.

**Sampling date:** 29/05/2007 | **Essay date:** 13/08/2007

**Product description and comercial name:** Slate for roofing and exterior cladding. Cupa 7 | **Conformity**

**1 Dimensional tolerances**

**Sizes** 40x20 - 32x22 - 30x20 - 30x18 - 27x18 - 25x18 - 33x23 - 40x25 - 40x22 - 35x25 - 35x20 - 35x22 - 30x22 - 27x16 - 27x15 - 25x15

**Deviation of the declared lenght** Complies < ±5mms

**Deviation of the declared width** Complies < ±5mms

**Deviation of the orthogonality** Complies < ±1%

**Deviation of the edges linearity** Complies < 5mms & <=1% lenght

**Type of slate according to the flat surface** Very smooth | Smooth | Normal | Texturised

**Deviation of the planicidad** <2%

**2 Thickness**

**Slate type for the calculation of the packaged slate thickness** Very smooth | Smooth | Normal | Texturised

**Nominal thickness and variation** 3,75mm±35%

**3 Resistance**

**MoR characteristic** Transverse 42 Mpa | Longitudinal 63 Mpa

**Medium load breakages** Transverse 518 N | Longitudinal 630 N

**4 Water absorption** 0,27%

**5 Freeze thaw test** not required

**6 Thermic cycle essay** T1

**7 Carbonates content** 0,5%

**8 Essays of SO2 exposure**  
 ≤ 20% en carbonates S1  
 > 20% en carbonates Thickness of the softened layer mm

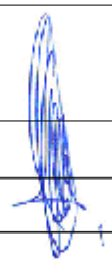
**9 Contents of carbonate non carbonated** 0,38%

**10 Exposure to the external fire** It is considered to comply

**11 Fire reaction** It is considered to comply with A1 class

**12 Dangerous substances emission** None in normal conditions of use as a roof o external cladding

**DTOR. CALIDAI**



## ACCOMPANIMENT DOCUMENT / DECLARATION OF CONFORMITY

**Manufacturer:** Las Arcas Prada

### EN 12326-1:2004

**Comercial document number:** 07008      **Issue date:** 13/11/2007

**Comercial document issued by:** Cupa Pizarras S.A.

**Quarry or mine location:** Arcas Prada.San Pedro de Trones. León ( España )

This document establishes conformity of the product described above and becomes uncomplete without the explanation of the essay results and the requests of the EN 12326-1:2004 Norm. The essays to which it refers and the criteria are included in the EN 12326-1:2004 and :2-2000 Norm.

**Sampling date:** 29/05/2007      **Essay date:** 13/08/2007

**Product description and comercial name:** Slate for roofing and exterior cladding.Cupa 7      **Conformity**

#### 1 Dimensional tolerances

**Sizes** 25x15 - 27x15 - 27x16 - 30x22

**Deviation of the declared lenght** Complies < ±5mms

**Deviation of the declared width** Complies < ±5mms

**Deviation of the orthogonality** Complies < ±1%

**Deviation of the edges linearity** Complies < 5mms & <=1% lenght

**Type of slate according to the flat surface** Very smooth    Smooth    Normal    Texturised

**Deviation of the planicidad** <1,5%

#### 2 Thickness

**Slate type for the calculation of the packaged slate thickness** Very smooth    Smooth    Normal    Texturised

**Nominal thickness and variation** 3,75mm±35%

#### 3 Resistance

**MoR characteristic** Transverse    42 Mpa    Longitudinal    63 Mpa

**Medium load breakages** Transverse    518 N    Longitudinal    630 N

**4 Water absorption** 0,27%

**5 Freeze thaw test** not required

**6 Thermic cycle essay** T1

**7 Carbonates content** 0,5%

**8 Essays of SO2 exposure** ≤ 20% en carbonates    S1

> 20% en carbonates    Thickness of the softened layer    mm

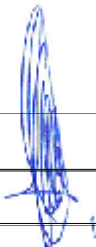
**9 Contents of carbonate non carbonated** 0,38%

**10 Exposure to the external fire** It is considered to comply

**11 Fire reaction** It is considered to comply with A1 class

**12 Dangerous substances emission** None in normal conditions of use as a roof o external cladding

DTOR. CALIDAI



## ACCOMPANIMENT DOCUMENT / DECLARATION OF CONFORMITY

**Manufacturer:** Las Arcas Prada

### EN 12326-1:2004

<b>Comercial document number:</b> 07009	<b>Issue date:</b> 13/11/2007
<b>Comercial document issued by:</b> Cupa Pizarras S.A.	
<b>Quarry or mine location:</b> Arcas Prada.San Pedro de Trones. León ( España )	

This document establishes conformity of the product described above and becomes uncomplete without the explanation of the essay results and the requests of the EN 12326-1:2004 Norm. The essays to which it refers and the criteria are included in the EN 12326-1:2004 and :2-2000 Norm.

<b>Sampling date:</b> 29/05/2007	<b>Essay date:</b> 13/08/2007								
<b>Product description and comercial name:</b>	Slate for roofing and exterior cladding.Cupa 7								
<b>Conformity</b>									
<b>1 Dimensional tolerances</b>									
<b>Sizes</b>	25x15 - 27x15 - 27x16 - 30x22								
<b>Deviation of the declared lenght</b>	Complies < ±5mms								
<b>Deviation of the declared width</b>	Complies < ±5mms								
<b>Deviation of the orthogonality</b>	Complies < ±1%								
<b>Deviation of the edges linearity</b>	Complies < 5mms & <=1% lenght								
<b>Type of slate according to the flat surface</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"><b>Very smooth</b></td> <td style="width: 25%;"><b>Smooth</b></td> <td style="width: 25%;"><b>Normal</b></td> <td style="width: 25%;"><b>Texturised</b></td> </tr> <tr> <td></td> <td style="text-align: center;">&lt;1%</td> <td></td> <td></td> </tr> </table>	<b>Very smooth</b>	<b>Smooth</b>	<b>Normal</b>	<b>Texturised</b>		<1%		
<b>Very smooth</b>	<b>Smooth</b>	<b>Normal</b>	<b>Texturised</b>						
	<1%								
<b>Deviation of the planicidad</b>									
<b>2 Thickness</b>									
<b>Slate type for the calculation of the packaged slate thickness</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"><b>Very smooth</b></td> <td style="width: 25%;"><b>Smooth</b></td> <td style="width: 25%;"><b>Normal</b></td> <td style="width: 25%;"><b>Texturised</b></td> </tr> <tr> <td></td> <td style="text-align: center;">3,75mm±35%</td> <td></td> <td></td> </tr> </table>	<b>Very smooth</b>	<b>Smooth</b>	<b>Normal</b>	<b>Texturised</b>		3,75mm±35%		
<b>Very smooth</b>	<b>Smooth</b>	<b>Normal</b>	<b>Texturised</b>						
	3,75mm±35%								
<b>Nominal thickness and variation</b>									
<b>3 Resistance</b>									
<b>MoR characteristic</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"><b>Transverse</b></td> <td style="width: 25%;">53 Mpa</td> <td style="width: 25%;"><b>Longitudinal</b></td> <td style="width: 25%;">65 Mpa</td> </tr> </table>	<b>Transverse</b>	53 Mpa	<b>Longitudinal</b>	65 Mpa				
<b>Transverse</b>	53 Mpa	<b>Longitudinal</b>	65 Mpa						
<b>Medium load breakages</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"><b>Transverse</b></td> <td style="width: 25%;">728 N</td> <td style="width: 25%;"><b>Longitudinal</b></td> <td style="width: 25%;">825 N</td> </tr> </table>	<b>Transverse</b>	728 N	<b>Longitudinal</b>	825 N				
<b>Transverse</b>	728 N	<b>Longitudinal</b>	825 N						
<b>4 Water absorption</b>	0,27%								
<b>5 Freeze thaw test</b>	not required								
<b>6 Thermic cycle essay</b>	T1								
<b>7 Carbonates content</b>	0,5%								
<b>8 Essays of SO2 exposure</b>	≤ 20% en carbonates	S1							
	> 20% en carbonates	Thickness of the softened layer      mm							
<b>9 Contents of carbonate non carbonated</b>	0,38%								
<b>10 Exposure to the external fire</b>	It is considered to comply								
<b>11 Fire reaction</b>	It is considered to comply with A1 class								
<b>12 Dangerous substances emission</b>	None in normal conditions of use as a roof o external cladding								

**DTOR. CALIDAI**

## ACCOMPANIMENT DOCUMENT / DECLARATION OF CONFORMITY

**Manufacturer:** Las Arcas Prada

### EN 12326-1:2004

**Comercial document number:** 07001 **Issue date:** 13/11/2007

**Comercial document issued by:** Cupa Pizarras S.A.

**Quarry or mine location:** Arcas Prada. San Pedro de Trones. León ( España )

This document establishes conformity of the product described above and becomes uncomplete without the explanation of the essay results and the requests of the EN 12326-1:2004 Norm. The essays to which it refers and the criteria are included in the EN 12326-1:2004 and :2-2000 Norm.

**Sampling date:** 29/05/2007 **Essay date:** 13/08/2007

**Product description and comercial name:** Slate for roofing and exterior cladding. Cupa 7 **Conformity**

#### 1 Dimensional tolerances

**Sizes** 32x22 - 30x20 - 30x18 - 27x18 - 25x18 - 33x23 - 40x25 - 40x22 - 35x25 - 35x20 - 35x22 - 40x20

**Deviation of the declared lenght** Complies < ±5mms

**Deviation of the declared width** Complies < ±5mms

**Deviation of the orthogonality** Complies < ±1%

**Deviation of the edges linearity** Complies < 5mms & <=1% lenght

**Type of slate according to the flat surface** Very smooth Smooth Normal Texturised

**Deviation of the planicidad** <1,5%

#### 2 Thickness

**Slate type for the calculation of the packaged slate thickness** Very smooth Smooth Normal Texturised

**Nominal thickness and variation** 3,75mm±25%

#### 3 Resistance

**MoR characteristic** Transverse 42 Mpa Longitudinal 63 Mpa

**Medium load breakages** Transverse 518 N Longitudinal 630 N

**4 Water absorption** 0,27%

**5 Freeze thaw test** not required

**6 Thermic cycle essay** T1

**7 Carbonates content** 0,5%

**8 Essays of SO2 exposure** ≤ 20% en carbonates S1

> 20% en carbonates Thickness of the softened layer mm

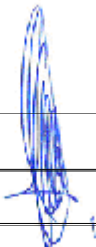
**9 Contents of carbonate non carbonated** 0,38%

**10 Exposure to the external fire** It is considered to comply

**11 Fire reaction** It is considered to comply with A1 class

**12 Dangerous substances emission** None in normal conditions of use as a roof o external cladding

DTOR. CALIDAI



## ACCOMPANIMENT DOCUMENT / DECLARATION OF CONFORMITY

**Manufacturer:** Las Arcas Prada

**EN 12326-1:2004**

**Comercial document number:** 07002      **Issue date:** 13/11/2007

**Comercial document issued by:** Cupa Pizarras S.A.

**Quarry or mine location:** Arcas Prada.San Pedro de Trones. León ( España )

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**Sampling date:** 29/05/2007      **Essay date:** 13/08/2007

**Product description and comercial name:** Slate for roofing and exterior cladding.Cupa 7      **Conformity**

**1 Dimensional tolerances**

**Sizes** 32x22 - 30x20 - 30x18 - 27x18 - 25x18 - 33x23 - 40x25 - 40x22 - 35x25 - 35x20 - 35x22 - 40x20

**Deviation of the declared lenght** Complies < ±5mms

**Deviation of the declared width** Complies < ±5mms

**Deviation of the orthogonality** Complies < ±1%

**Deviation of the edges linearity** Complies < 5mms & <=1% lenght

**Type of slate according to the flat surface**      **Very smooth**      **Smooth**      **Normal**      **Texturised**

**Deviation of the planicidad** <2%

**2 Thickness**

**Slate type for the calculation of the packaged slate thickness**      **Very smooth**      **Smooth**      **Normal**      **Texturised**

**Nominal thickness and variation** 3,75mm±25%

**3 Resistance**

**MoR characteristic**      **Transverse**      42 Mpa      **Longitudinal**      63 Mpa

**Medium load breakages**      **Transverse**      518 N      **Longitudinal**      630 N

**4 Water absorption** 0,27%

**5 Freeze thaw test** not required

**6 Thermic cycle essay** T1

**7 Carbonates content** 0,5%

**8 Essays of SO2 exposure**      ≤ 20% en carbonates      S1  
                                                  > 20% en carbonates      Thickness of the softened layer      mm

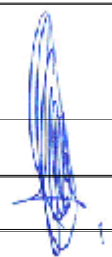
**9 Contents of carbonate non carbonated** 0,38%

**10 Exposure to the external fire** It is considered to comply

**11 Fire reaction** It is considered to comply with A1 class

**12 Dangerous substances emission** None in normal conditions of use as a roof o external cladding

**DTOR. CALIDAI**



## ACCOMPANIMENT DOCUMENT / DECLARATION OF CONFORMITY

**Manufacturer:** Las Arcas Prada

**EN 12326-1:2004**

**Comercial document number:** 07004      **Issue date:** 13/11/2007

**Comercial document issued by:** Cupa Pizarras S.A.

**Quarry or mine location:** Arcas Prada.San Pedro de Trones. León ( España )

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**Sampling date:** 29/05/2007      **Essay date:** 13/08/2007

**Product description and comercial name:** Slate for roofing and exterior cladding.Cupa 7      **Conformity**

**1 Dimensional tolerances**

**Sizes** 40x20 - 32x22 - 33x23 - 30x18 - 27x18 - 25x18 - 30x20 - 50x25 - 40x25 - 40x22 - 35x22 - 35x20

**Deviation of the declared lenght** Complies < ±5mms

**Deviation of the declared width** Complies < ±5mms

**Deviation of the orthogonality** Complies < ±1%

**Deviation of the edges linearity** Complies < 5mms & <=1% lenght

**Type of slate according to the flat surface**      **Very smooth**      **Smooth**      **Normal**      **Texturised**

**Deviation of the planicidad** <0,9%

**2 Thickness**

**Slate type for the calculation of the packaged slate thickness**      **Very smooth**      **Smooth**      **Normal**      **Texturised**

**Nominal thickness and variation** 5mm±25%

**3 Resistance**

**MoR characteristic**      **Transverse**      53 Mpa      **Longitudinal**      65 Mpa

**Medium load breakages**      **Transverse**      728 N      **Longitudinal**      825 N

**4 Water absorption** 0,27%

**5 Freeze thaw test** not required

**6 Thermic cycle essay** T1

**7 Carbonates content** 0,5%

**8 Essays of SO2 exposure**      ≤ 20% en carbonates      S1  
                                                  > 20% en carbonates      Thickness of the softened layer      mm

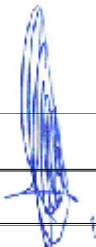
**9 Contents of carbonate non carbonated** 0,38%

**10 Exposure to the external fire** It is considered to comply

**11 Fire reaction** It is considered to comply with A1 class

**12 Dangerous substances emission** None in normal conditions of use as a roof o external cladding

**DTOR. CALIDAI**



## ACCOMPANIMENT DOCUMENT / DECLARATION OF CONFORMITY

**Manufacturer:** Las Arcas Prada

**EN 12326-1:2004**

**Comercial document number:** 07005      **Issue date:** 13/11/2007

**Comercial document issued by:** Cupa Pizarras S.A.

**Quarry or mine location:** Arcas Prada.San Pedro de Trones. León ( España )

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**Sampling date:** 29/05/2007      **Essay date:** 13/08/2007

**Product description and comercial name:** Slate for roofing and exterior cladding.Cupa 7      **Conformity**

**1 Dimensional tolerances**

**Sizes** 40x20 - 32x22 - 33x23 - 30x18 - 27x18 - 25x18 - 30x20 - 50x25 - 40x25 - 40x22 - 35x22 - 35x20

**Deviation of the declared lenght** Complies < ±5mms

**Deviation of the declared width** Complies < ±5mms

**Deviation of the orthogonality** Complies < ±1%

**Deviation of the edges linearity** Complies < 5mms & <=1% lenght

**Type of slate according to the flat surface** Very smooth    Smooth    Normal    Texturised

**Deviation of the planicidad** <1%

**2 Thickness**

**Slate type for the calculation of the packaged slate thickness** Very smooth    Smooth    Normal    Texturised

**Nominal thickness and variation** 5mm±25%

**3 Resistance**

**MoR characteristic** Transverse    53 Mpa    Longitudinal    65 Mpa

**Medium load breakages** Transverse    728 N    Longitudinal    825 N

**4 Water absorption** 0,27%

**5 Freeze thaw test** not required

**6 Thermic cycle essay** T1

**7 Carbonates content** 0,5%

**8 Essays of SO2 exposure**  
     ≤ 20% en carbonates      S1  
     > 20% en carbonates      Thickness of the softened layer      mm

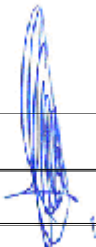
**9 Contents of carbonate non carbonated** 0,38%

**10 Exposure to the external fire** It is considered to comply

**11 Fire reaction** It is considered to comply with A1 class

**12 Dangerous substances emission** None in normal conditions of use as a roof o external cladding

**DTOR. CALIDAI**



## ACCOMPANIMENT DOCUMENT / DECLARATION OF CONFORMITY

**Manufacturer:** Las Arcas Prada

### EN 12326-1:2004

**Comercial document number:** 07006      **Issue date:** 13/11/2007

**Comercial document issued by:** Cupa Pizarras S.A.

**Quarry or mine location:** Arcas Prada.San Pedro de Trones. León ( España )

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**Sampling date:** 29/05/2007      **Essay date:** 13/08/2007

**Product description and comercial name:** Slate for roofing and exterior cladding.Cupa 7      **Conformity**

#### 1 Dimensional tolerances

**Sizes** 40x20 - 32x22 - 33x23 - 30x18 - 27x18 - 25x18 - 30x20 - 50x25 - 40x25 - 40x22 - 35x22 - 35x20

**Deviation of the declared lenght** Complies < ±5mms

**Deviation of the declared width** Complies < ±5mms

**Deviation of the orthogonality** Complies < ±1%

**Deviation of the edges linearity** Complies < 5mms & <=1% lenght

**Type of slate according to the flat surface** Very smooth    Smooth    Normal    Texturised

**Deviation of the planicidad** <1%

#### 2 Thickness

**Slate type for the calculation of the packaged slate thickness** Very smooth    Smooth    Normal    Texturised

**Nominal thickness and variation** 5mm±35%

#### 3 Resistance

**MoR characteristic** Transverse    53 Mpa    Longitudinal    65 Mpa

**Medium load breakages** Transverse    728 N    Longitudinal    825 N

**4 Water absorption** 0,27%

**5 Freeze thaw test** not required

**6 Thermic cycle essay** T1

**7 Carbonates content** 0,5%

**8 Essays of SO2 exposure** ≤ 20% en carbonates    S1

> 20% en carbonates    Thickness of the softened layer    mm

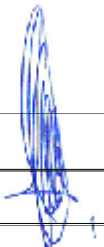
**9 Contents of carbonate non carbonated** 0,38%

**10 Exposure to the external fire** It is considered to comply

**11 Fire reaction** It is considered to comply with A1 class

**12 Dangerous substances emission** None in normal conditions of use as a roof o external cladding

DTOR. CALIDAI



## ACCOMPANIMENT DOCUMENT / DECLARATION OF CONFORMITY

**Manufacturer:** Las Arcas Prada

### EN 12326-1:2004

**Comercial document number:** 07010 **Issue date:** 13/11/2007

**Comercial document issued by:** Cupa Pizarras S.A.

**Quarry or mine location:** Arcas Prada.San Pedro de Trones. León ( España )

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**Sampling date:** 29/05/2007 **Essay date:** 13/08/2007

**Product description and comercial name:** Slate for roofing and exterior cladding.Cupa 7 **Conformity**

#### 1 Dimensional tolerances

**Sizes** 25x15 - 27x15 - 27x16 - 50x38 - 30x22

**Deviation of the declared lenght** Complies < ±5mms

**Deviation of the declared width** Complies < ±5mms

**Deviation of the orthogonality** Complies < ±1%

**Deviation of the edges linearity** Complies < 5mms & <=1% lenght

**Type of slate according to the flat surface** Very smooth Smooth Normal Texturised

**Deviation of the planicidad** <0,9%

#### 2 Thickness

**Slate type for the calculation of the packaged slate thickness** Very smooth Smooth Normal Texturised

**Nominal thickness and variation** 5mm±35%

#### 3 Resistance

**MoR characteristic** Transverse 53 Mpa Longitudinal 65 Mpa

**Medium load breakages** Transverse 728 N Longitudinal 825 N

**4 Water absorption** 0,27%

**5 Freeze thaw test** not required

**6 Thermic cycle essay** T1

**7 Carbonates content** 0,5%

**8 Essays of SO2 exposure** ≤ 20% en carbonates S1

> 20% en carbonates Thickness of the softened layer mm

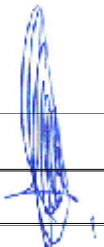
**9 Contents of carbonate non carbonated** 0,38%

**10 Exposure to the external fire** It is considered to comply

**11 Fire reaction** It is considered to comply with A1 class

**12 Dangerous substances emission** None in normal conditions of use as a roof o external cladding

DTOR. CALIDAI



## ACCOMPANIMENT DOCUMENT / DECLARATION OF CONFORMITY

**Manufacturer:** Las Arcas Prada

### EN 12326-1:2004

**Comercial document number:** 07007 **Issue date:** 13/11/2007

**Comercial document issued by:** Cupa Pizarras S.A.

**Quarry or mine location:** Arcas Prada. San Pedro de Trones. León ( España )

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**Sampling date:** 29/05/2007 **Essay date:** 13/08/2007

**Product description and comercial name:** Slate for roofing and exterior cladding. Cupa 7 **Conformity**

#### 1 Dimensional tolerances

**Sizes** 30x20 - 35x20 - 35x30 - 50x38 - 40x20 - 40x25 - 50x25

**Deviation of the declared lenght** Complies < ±5mms

**Deviation of the declared width** Complies < ±5mms

**Deviation of the orthogonality** Complies < ±1%

**Deviation of the edges linearity** Complies < 5mms & <=1% lenght

**Type of slate according to the flat surface** Very smooth Smooth Normal Texturised

**Deviation of the planicidad** <0,9%

#### 2 Thickness

**Slate type for the calculation of the packaged slate thickness** Very smooth Smooth Normal Texturised

**Nominal thickness and variation** 7,7mm±35%

#### 3 Resistance

**MoR characteristic** Transverse 53 Mpa Longitudinal 65 Mpa

**Medium load breakages** Transverse 728 N Longitudinal 825 N

**4 Water absorption** 0,27%

**5 Freeze thaw test** not required

**6 Thermic cycle essay** T1

**7 Carbonates content** 0,5%

**8 Essays of SO2 exposure** ≤ 20% en carbonates S1

> 20% en carbonates Thickness of the softened layer mm

**9 Contents of carbonate non carbonated** 0,38%

**10 Exposure to the external fire** It is considered to comply

**11 Fire reaction** It is considered to comply with A1 class

**12 Dangerous substances emission** None in normal conditions of use as a roof o external cladding

DTOR. CALIDAI

