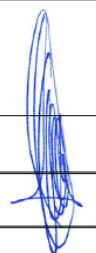


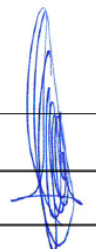
## ACCOMPANIMENT DOCUMENT / DECLARATION OF CONFORMITY

<b>Manufacturer:</b> Rozadais					
<b>EN 12326-1:2004</b>					
<b>Comercial document number:</b> 17001			<b>Issue date:</b> 17/12/2010		
<b>Comercial document issued by:</b> Cupa Pizarras S.A.					
<b>Quarry or mine location:</b> Pizarras Rozadais. O Barco de Valdeorras. Orense. ( 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> 21/06/2010		<b>Essay date:</b> 29/10/2010			
<b>Product description and comercial name:</b>		Slate for roofing and exterior cladding. Cupa 17			<b>Conformity</b>
<b>1 Dimensional tolerances</b>					
<b>Sizes</b>		Excellence: 40x25 - 40x22 - 30x18 - 32x22 - 30x20 - 35x25 - 27x18 - 25x18 - 40x20 - 25x15 - 33x23 - 35x22 - 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>		<b>Very smooth</b>	<b>Smooth</b>	<b>Normal</b>	<b>Texturised</b>
<b>Deviation of the planicidad</b>		<0,9%			
<b>2 Thickness</b>					
<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>
<b>Nominal thickness and variation</b>		3,5mm±25%			
<b>3 Resistance</b>					
<b>MoR characteristic</b>		<b>Transverse</b>	≥47 Mpa	<b>Longitudinal</b>	≥60 Mpa
<b>Medium load breakages</b>		<b>Transverse</b>	≥406 N	<b>Longitudinal</b>	≥550 N
<b>4 Water absorption</b>		≤0,2%			
<b>5 Freeze thaw test</b>		not required			
<b>6 Thermic cycle essay</b>		T1			
<b>7 Carbonates content</b>		≤0,3%			
<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>		≤0,5%			
<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			<b>DTOR. CALIDAD</b>



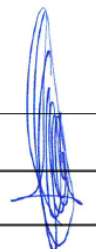
## ACCOMPANIMENT DOCUMENT / DECLARATION OF CONFORMITY

<b>Manufacturer:</b> Rozadais					
<b>EN 12326-1:2004</b>					
<b>Comercial document number:</b> 17002		<b>Issue date:</b> 17/12/2010			
<b>Comercial document issued by:</b> Cupa Pizarras S.A.					
<b>Quarry or mine location:</b> Pizarras Rozadais. O Barco de Valdeorras. Orense. ( 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> 21/06/2010		<b>Essay date:</b> 29/10/2010			
<b>Product description and comercial name:</b>		Slate for roofing and exterior cladding. Cupa 17		<b>Conformity</b>	
<b>1 Dimensional tolerances</b>					
<b>Sizes</b>		Ardoisier: 40x25 - 40x22 - 30x18 - 32x22 - 30x20 - 35x25 - 27x18 - 25x18 - 40x20 - 25x15 - 33x23 - 35x22 - 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>		<b>Very smooth</b>	<b>Smooth</b>	<b>Normal</b>	<b>Texturised</b>
<b>Deviation of the planicidad</b>		<1%			
<b>2 Thickness</b>					
<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>
<b>Nominal thickness and variation</b>		3,5mm±25%			
<b>3 Resistance</b>					
<b>MoR characteristic</b>		<b>Transverse</b>	≥47 Mpa	<b>Longitudinal</b>	≥60 Mpa
<b>Medium load breakages</b>		<b>Transverse</b>	≥406 N	<b>Longitudinal</b>	≥550 N
<b>4 Water absorption</b>		≤0,2%			
<b>5 Freeze thaw test</b>		not required			
<b>6 Thermic cycle essay</b>		T1			
<b>7 Carbonates content</b>		≤0,3%			
<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>		≤0,5%			
<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		<b>DTOR. CALIDAD</b>	



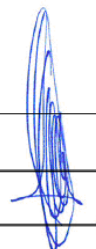
## ACCOMPANIMENT DOCUMENT / DECLARATION OF CONFORMITY

<b>Manufacturer:</b> Rozadais					
<b>EN 12326-1:2004</b>					
<b>Comercial document number:</b> 17008		<b>Issue date:</b> 17/12/2010			
<b>Comercial document issued by:</b> Cupa Pizarras S.A.					
<b>Quarry or mine location:</b> Pizarras Rozadais. O Barco de Valdeorras. Orense. ( España )					
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<b>Sampling date:</b> 21/06/2010		<b>Essay date:</b> 29/10/2010			
<b>Product description and comercial name:</b>		Slate for roofing and exterior cladding. Cupa 17		<b>Conformity</b>	
<b>1 Dimensional tolerances</b>					
<b>Sizes</b>		Ardoisier: 40x25 - 40x22 - 33x23 - 30x18 - 32x22 - 30x20 - 35x25 - 27x18 - 25x18 - 40x20 - 25x15 - 35x22 - 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>		<b>Very smooth</b>	<b>Smooth</b>	<b>Normal</b>	<b>Texturised</b>
<b>Deviation of the planicidad</b>		<1%			
<b>2 Thickness</b>					
<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>
<b>Nominal thickness and variation</b>		4,5mm±25%			
<b>3 Resistance</b>					
<b>MoR characteristic</b>		<b>Transverse</b>	≥47 Mpa	<b>Longitudinal</b>	≥60 Mpa
<b>Medium load breakages</b>		<b>Transverse</b>	≥406 N	<b>Longitudinal</b>	≥550 N
<b>4 Water absorption</b>		≤0,2%			
<b>5 Freeze thaw test</b>		not required			
<b>6 Thermic cycle essay</b>		T1			
<b>7 Carbonates content</b>		≤0,3%			
<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>		≤0,5%			
<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		<b>DTOR. CALIDAD</b>	



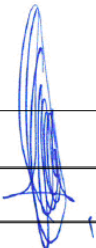
## ACCOMPANIMENT DOCUMENT / DECLARATION OF CONFORMITY

<b>Manufacturer:</b> Rozadais					
<b>EN 12326-1:2004</b>					
<b>Comercial document number:</b> 17006		<b>Issue date:</b> 17/12/2010			
<b>Comercial document issued by:</b> Cupa Pizarras S.A.					
<b>Quarry or mine location:</b> Pizarras Rozadais. O Barco de Valdeorras. Orense. ( 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> 21/06/2010		<b>Essay date:</b> 29/10/2010			
<b>Product description and comercial name:</b>		Slate for roofing and exterior cladding. Cupa 17		<b>Conformity</b>	
<b>1 Dimensional tolerances</b>					
<b>Sizes</b>		Excellence: 40x25 - 40x22 - 33x23 - 30x18 - 32x22 - 30x20 - 35x25 - 27x18 - 25x18 - 40x20 - 25x15 - 35x22 - 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>		<b>Very smooth</b>	<b>Smooth</b>	<b>Normal</b>	<b>Texturised</b>
<b>Deviation of the planicidad</b>		<0,9%			
<b>2 Thickness</b>					
<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>
<b>Nominal thickness and variation</b>		4,5mm±25%			
<b>3 Resistance</b>					
<b>MoR characteristic</b>		<b>Transverse</b>	≥47 Mpa	<b>Longitudinal</b>	≥60 Mpa
<b>Medium load breakages</b>		<b>Transverse</b>	≥406 N	<b>Longitudinal</b>	≥550 N
<b>4 Water absorption</b>		≤0,2%			
<b>5 Freeze thaw test</b>		not required			
<b>6 Thermic cycle essay</b>		T1			
<b>7 Carbonates content</b>		≤0,3%			
<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>		≤0,5%			
<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		<b>DTOR. CALIDAD</b>	



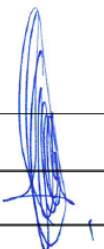
## ACCOMPANIMENT DOCUMENT / DECLARATION OF CONFORMITY

<b>Manufacturer:</b> Rozadais					
<b>EN 12326-1:2004</b>					
<b>Comercial document number:</b> 17004			<b>Issue date:</b> 17/12/2010		
<b>Comercial document issued by:</b> Cupa Pizaras S.A.					
<b>Quarry or mine location:</b> Pizaras Rozadais. O Barco de Valdeorras. Orense. ( 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> 21/06/2010		<b>Essay date:</b> 29/10/2010			
<b>Product description and comercial name:</b>		Slate for roofing and exterior cladding. Cupa 17			<b>Conformity</b>
<b>1 Dimensional tolerances</b>					
<b>Sizes</b>		40x22 - 30x18 - 32x22 - 30x20 - 35x25 - 27x18 - 25x18 - 40x20 - 25x15 - 35x22 - 22x16 - 30x16 - 30x22 - 33x23 - 40x25 - 46x25 - 46x30			
<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>		<b>Very smooth</b>	<b>Smooth</b>	<b>Normal</b>	<b>Texturised</b>
<b>Deviation of the planicidad</b>				<2%	
<b>2 Thickness</b>					
<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>
<b>Nominal thickness and variation</b>				3,5mm±35%	
<b>3 Resistance</b>					
<b>MoR characteristic</b>		<b>Transverse</b>	≥47 Mpa	<b>Longitudinal</b>	≥60 Mpa
<b>Medium load breakages</b>		<b>Transverse</b>	≥406 N	<b>Longitudinal</b>	≥550 N
<b>4 Water absorption</b>		≤0,2%			
<b>5 Freeze thaw test</b>		not required			
<b>6 Thermic cycle essay</b>		T1			
<b>7 Carbonates content</b>		≤0,3%			
<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>		≤0,5%			
<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			<b>DTOR. CALIDAD</b>



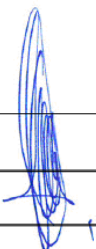
## ACCOMPANIMENT DOCUMENT / DECLARATION OF CONFORMITY

<b>Manufacturer:</b> Rozadais					
<b>EN 12326-1:2004</b>					
<b>Comercial document number:</b> 17012		<b>Issue date:</b> 17/12/2010			
<b>Comercial document issued by:</b> Cupa Pizarras S.A.					
<b>Quarry or mine location:</b> Pizarras Rozadais. O Barco de Valdeorras. Orense. ( 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> 21/06/2010		<b>Essay date:</b> 29/10/2010			
<b>Product description and comercial name:</b>		Slate for roofing and exterior cladding. Cupa 17		<b>Conformity</b>	
<b>1 Dimensional tolerances</b>					
<b>Sizes</b>		46x30 - 46x25 - 30x16 - 22x16			
<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>		<b>Very smooth</b>	<b>Smooth</b>	<b>Normal</b>	<b>Texturised</b>
<b>Deviation of the planicidad</b>		<1%			
<b>2 Thickness</b>					
<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>
<b>Nominal thickness and variation</b>		3,5mm±35%			
<b>3 Resistance</b>					
<b>MoR characteristic</b>		<b>Transverse</b>	≥47 Mpa	<b>Longitudinal</b>	≥60 Mpa
<b>Medium load breakages</b>		<b>Transverse</b>	≥406 N	<b>Longitudinal</b>	≥550 N
<b>4 Water absorption</b>		≤0,2%			
<b>5 Freeze thaw test</b>		not required			
<b>6 Thermic cycle essay</b>		T1			
<b>7 Carbonates content</b>		≤0,3%			
<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>		≤0,5%			
<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		<b>DTOR. CALIDAD</b>	



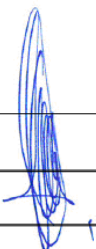
## ACCOMPANIMENT DOCUMENT / DECLARATION OF CONFORMITY

<b>Manufacturer:</b> Rozadais					
<b>EN 12326-1:2004</b>					
<b>Comercial document number:</b> 17009		<b>Issue date:</b> 17/12/2010			
<b>Comercial document issued by:</b> Cupa Pizarras S.A.					
<b>Quarry or mine location:</b> Pizarras Rozadais. O Barco de Valdeorras. Orense. ( España )					
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<b>Sampling date:</b> 21/06/2010		<b>Essay date:</b> 29/10/2010			
<b>Product description and comercial name:</b>		Slate for roofing and exterior cladding. Cupa 17		<b>Conformity</b>	
<b>1 Dimensional tolerances</b>					
<b>Sizes</b>		40x25 - 40x22 - 33x23 - 30x18 - 32x22 - 30x20 - 35x25 - 27x18 - 25x18 - 40x20 - 25x15 - 35x22 - 32x22 Rda -- 22x16 - 30x16 - 30x22 - 46x25 - 46x30			
<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>		<b>Very smooth</b>	<b>Smooth</b>	<b>Normal</b>	<b>Texturised</b>
<b>Deviation of the planicidad</b>					<2%
<b>2 Thickness</b>					
<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>
<b>Nominal thickness and variation</b>					4,5mm±35%
<b>3 Resistance</b>					
<b>MoR characteristic</b>		<b>Transverse</b>	≥47 Mpa	<b>Longitudinal</b>	≥60 Mpa
<b>Medium load breakages</b>		<b>Transverse</b>	≥406 N	<b>Longitudinal</b>	≥550 N
<b>4 Water absorption</b>					≤0,2%
<b>5 Freeze thaw test</b>					not required
<b>6 Thermic cycle essay</b>					T1
<b>7 Carbonates content</b>					≤0,3%
<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>					≤0,5%
<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			<b>DTOR. CALIDAD</b>



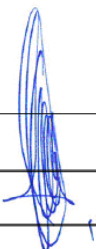
## ACCOMPANIMENT DOCUMENT / DECLARATION OF CONFORMITY

<b>Manufacturer:</b> Rozadais					
<b>EN 12326-1:2004</b>					
<b>Comercial document number:</b> 17013		<b>Issue date:</b> 17/12/2010			
<b>Comercial document issued by:</b> Cupa Pizarras S.A.					
<b>Quarry or mine location:</b> Pizarras Rozadais. O Barco de Valdeorras. Orense. ( 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> 21/06/2010		<b>Essay date:</b> 29/10/2010			
<b>Product description and comercial name:</b>		Slate for roofing and exterior cladding. Cupa 17		<b>Conformity</b>	
<b>1 Dimensional tolerances</b>					
<b>Sizes</b>		22x16 - 30x16 - 46x25 - 46x30			
<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>		<b>Very smooth</b>	<b>Smooth</b>	<b>Normal</b>	<b>Texturised</b>
<b>Deviation of the planicidad</b>		<1%			
<b>2 Thickness</b>					
<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>
<b>Nominal thickness and variation</b>		4,5mm±35%			
<b>3 Resistance</b>					
<b>MoR characteristic</b>		<b>Transverse</b>	≥47 Mpa	<b>Longitudinal</b>	≥60 Mpa
<b>Medium load breakages</b>		<b>Transverse</b>	≥406 N	<b>Longitudinal</b>	≥550 N
<b>4 Water absorption</b>		≤0,2%			
<b>5 Freeze thaw test</b>		not required			
<b>6 Thermic cycle essay</b>		T1			
<b>7 Carbonates content</b>		≤0,3%			
<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>		≤0,5%			
<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		<b>DTOR. CALIDAD</b>	

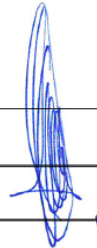


## ACCOMPANIMENT DOCUMENT / DECLARATION OF CONFORMITY

<b>Manufacturer:</b> Rozadais					
<b>EN 12326-1:2004</b>					
<b>Comercial document number:</b> 17011			<b>Issue date:</b> 17/12/2010		
<b>Comercial document issued by:</b> Cupa Pizarras S.A.					
<b>Quarry or mine location:</b> Pizarras Rozadais. O Barco de Valdeorras. Orense. ( 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> 21/06/2010		<b>Essay date:</b> 29/10/2010			
<b>Product description and comercial name:</b>		Slate for roofing and exterior cladding. Cupa 17			<b>Conformity</b>
<b>1 Dimensional tolerances</b>					
<b>Sizes</b>		22x16 - 30x16 - 46x25 - 46x30			
<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>		<b>Very smooth</b>	<b>Smooth</b>	<b>Normal</b>	<b>Texturised</b>
<b>Deviation of the planicidad</b>		<0,9%			
<b>2 Thickness</b>					
<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>
<b>Nominal thickness and variation</b>		4,5mm±35%			
<b>3 Resistance</b>					
<b>MoR characteristic</b>		<b>Transverse</b>	≥47 Mpa	<b>Longitudinal</b>	≥60 Mpa
<b>Medium load breakages</b>		<b>Transverse</b>	≥406 N	<b>Longitudinal</b>	≥550 N
<b>4 Water absorption</b>		≤0,2%			
<b>5 Freeze thaw test</b>		not required			
<b>6 Thermic cycle essay</b>		T1			
<b>7 Carbonates content</b>		≤0,3%			
<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>		≤0,5%			
<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			<b>DTOR. CALIDAD</b>



## ACCOMPANIMENT DOCUMENT / DECLARATION OF CONFORMITY

<b>Manufacturer:</b> Rozadais					
<b>EN 12326-1:2004</b>					
<b>Comercial document number:</b> 17005		<b>Issue date:</b> 17/12/2010			
<b>Comercial document issued by:</b> Cupa Pizarras S.A.					
<b>Quarry or mine location:</b> Pizarras Rozadais. O Barco de Valdeorras. Orense. ( 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> 21/06/2010		<b>Essay date:</b> 29/10/2010			
<b>Product description and comercial name:</b>		Slate for roofing and exterior cladding. Cupa 17		<b>Conformity</b>	
<b>1 Dimensional tolerances</b>					
<b>Sizes</b>		35x20 - 40x20 - 40x25 - 40x30 - 40x38 - 35x25 Rombo - 40x30 Rombo			
<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>		<b>Very smooth</b>	<b>Smooth</b>	<b>Normal</b>	<b>Texturised</b>
<b>Deviation of the planicidad</b>					<2%
<b>2 Thickness</b>					
<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>
<b>Nominal thickness and variation</b>					7,6mm±35%
<b>3 Resistance</b>					
<b>MoR characteristic</b>		<b>Transverse</b>	≥47 Mpa	<b>Longitudinal</b>	≥60 Mpa
<b>Medium load breakages</b>		<b>Transverse</b>	≥406 N	<b>Longitudinal</b>	≥550 N
<b>4 Water absorption</b>					≤0,2%
<b>5 Freeze thaw test</b>					not required
<b>6 Thermic cycle essay</b>					T1
<b>7 Carbonates content</b>					≤0,3%
<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>					≤0,5%
<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			
					<b>DTOR. CALIDAD</b>