

## ACCOMPANIMENT DOCUMENT / DECLARATION OF CONFORMITY

<b>Manufacturer:</b> Solana de Forcadas					
<b>EN 12326-1:2004</b>					
<b>Comercial document number:</b> 03012		<b>Issue date:</b> 17/12/2010			
<b>Comercial document issued by:</b> Cupa Pizarras S.A.					
<b>Quarry or mine location:</b> Solana de Forcadas. 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> 21/06/2010		<b>Essay date:</b> 05/11/2010			
<b>Product description and comercial name:</b>		Slate for roofing and exterior cladding. Cupa 3		<b>Conformity</b>	
<b>1 Dimensional tolerances</b>					
<b>Sizes</b>		Heavy: 30x20 - 35x20 - 40x20 - 40x25 - 50x25			
<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>			7,65±25%		
<b>3 Resistance</b>					
<b>MoR characteristic</b>		<b>Transverse</b>	≥40 Mpa	<b>Longitudinal</b>	≥56 Mpa
<b>Medium load breakages</b>		<b>Transverse</b>	≥412 N	<b>Longitudinal</b>	≥467 N
<b>4 Water absorption</b>		≤0,20%			
<b>5 Freeze thaw test</b>		not required			
<b>6 Thermic cycle essay</b>		T1			
<b>7 Carbonates content</b>		≤0,4%			
<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>	

