



# NATURAL STONE PRODUCTS

Tecnología de la Piedra Natural s.l.u.

COMERCIAL DENOMINATION: **PIZARRA PAÍS**

**Manufacturer:** PEDRAVAL s.l.

**Origin:** La Baña, León (España)

**Date:** 12/03/2014

**Protocol n°:** 031/2014

## TEST RESULTS

<b>Release of Dangerous substances</b>	<i>Not relevant</i>
<b>Reaction to fire</b>	<i>Class A1</i>
<b>Flexural strength (UNE EN 12372)</b>	<i>Mean value: 39,03±6,27 N/mm<sup>2</sup> Lower Expected Value: 26,48N/mm<sup>2</sup></i>
<b>Freeze/thaw resistance (UNE EN 12371)</b>	<i>Loss of flexural strength after 56 cycles of freeze/thaw test: Not relevant</i>
<b>Determination of resistance to ageing by thermal shock (UNE EN 14066)</b>	<i>Visual Disturbances: No discoloration, or oxidation, or splitting appreciated. Loss of flexural strength: not relevant Increase the open porosity: not relevant</i>
<b>Apparent density (UNE EN 1936)</b>	<i>2810±2,44 kg/m<sup>3</sup></i>
<b>Open porosity (UNE EN 1936)</b>	<i>0,33±0,04%</i>
<b>Water absorption (UNE EN 13755)</b>	<i>0,12±0,01%</i>
<b>Abrasion resistance (UNE EN 14157)</b>	<i>25,75 ±1,97mm</i>
<b>Slip resistance (UNE EN 14231)</b>	<i>Finish surface: Splitting surface Dry test: SRV= 73 Wet test: SRV= 40</i>
<b>Petrographical description (UNE EN 12407)</b>	<i>Slate with Chlorite associated to Muscovite</i>



El Director del Laboratorio