



California Slate Company, Inc.

3344 Market Street
San Francisco, CA 94114
USA



1. Product code: **LUGO GRAY-GREEN**

2. Product description:

Product: Metamorphic slate non-carbonated.

Quarry: "EL MAYHIMBE", Veira - Galicia (SPAIN)

3. Conform testing laboratory:

AMBER CONSULTING COMPANY

Pittsford, Vermont 05763 (USA)

4. Name and address from the quarry and/or authorized representative:

**Address: Juan Flórez, 42 – 11º dcha
15004 A Coruña - Galicia – ESPAÑA**

Telephone: +34 981 915 008

e-mail: info@benatural.es

5. ASTM C406 testing of DEL CASTILLO Roofing Slate was completed on:

August 23rd 2013

6. Test results:

6.1. Water Absorption, C121-09:

0.167%

6.2. Flexure (Breaking Load), C120-12:

600 lbs, thickness 0.291 in.

6.3. Weather Resistance (Depth of Softening), C217-09:

0.0001 in.

From the specimens tested, **LUGO GRAY-GREEN** Roofing Slate qualifies as a **S1 grade** (75+ year projected life) per the requirements of ASTM C406-10 (Specification for Roofing Slate).

THE US STANDARD

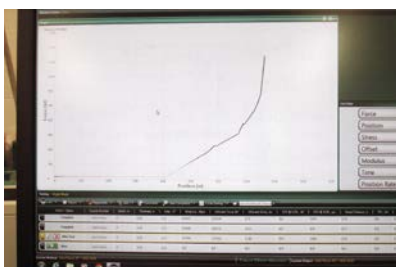
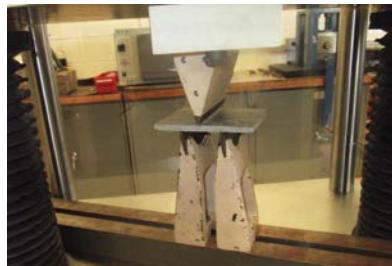
The ASTM C-406 is the only American Test existing to evaluate the quality and the life time of a roofing Slate in the USA.

Roofing Slates are classified following the norm ASTM as S1, S2 o S3. S1 being the highest level.

- S1 guarantee a life expectancy of over 75 years.
- S2 guarantee a life expectancy between 40 and 75 years.
- S3 guarantee a life expectancy between 20 and 40 years.

To confirm the result of the ASTM C-406, the laboratory will test 3 different characteristics of the Roofing Slate as follow:

- C121 Tests the Water Absorption in the slate (ASTM max. for S1 slate is 0.25%)
- C120 Tests the Fracture Strenght, the breaking point (ASTM min. For S1 slate is 575 lbs.)
- C217 Tests the Weather Resistance, the softening (ASTM max. for S1 slate is 0.002 in.)



For more information please contact us: info@CaliforniaSlateCompany.com