



EXCLUSIVELY NATURAL SLATE

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DEL CARMEN

GRADE

CECTAS

SIZE

50x25:

PIECES

656

NF 228-09/03 Revision 2 | EN 12326 - 1:2005 | ASTM C406
 Non-Carbonated Slate for Roofing and Cladding
 León - Spain

DOP Del Carmen 2014 (valid until 2017)

Dimensions and dimensional variation		Complies (< +/- 5mm)			
Nominal thickness and variation		Complies (< +/- 35%)			
Mechanical Resistance	MoR	Transverse	55 MPa	Longitudinal	73 MPa
	Mean Failure Load	Transverse	834 N	Longitudinal	1145 N
Carbonate content		Complies ($\leq 5\%$)			
Durability / Water absorption		Complies with code A1 ($\leq 0.4\%$)			
Durability / Freeze thaw cycling		Not required			
Durability / Thermal cycling		Complies with code T1			
Durability / Sulfur dioxide exposure		Complies with code S1			
Durability / Non - carbonate carbon content		Complies ($\leq 2\%$)			
Release of dangerous substances		None in conditions of use as roofing or external cladding			
External fire performance		Deemed to satisfy			
Reaction to fire		Deemed to satisfy class A1			
Sustainability certification		Complies with ISO 14025			

Conformity

A1

T1

S1