

Tests comparison between Riverstone slate and Spanish Slate



SSQ Group, 301 Elveden Road, London NW10 7SS			
Riverstone Slate – Argentina VS Spanish Slate (Average)			
EN 12326 – 1:2004			
		RIVERSTONE	SPANISH
Dimensions and dimensional variation		Complies	Complies
Nominal thickness and variation		Complies	Complies
Mechanical Resistance	Characteristic MoR	104 MPa ₂	70 MPa
	Mean failure load	101 MPa	70 MPa
Water permeability – water absorption		Code A1: 0,1%	0,3% TO 0.6%
Carbonate content		< 0,3%	< 0,3%
Durability water absorption		Code A1: 0,1%	0,3% TO 0.6%
Durability freeze thaw cycling		Complies	
Durability thermal cycling		Code T1	Code T2 or T3
Durability sulfur dioxide exposure		Code S1	Code S1, S2 or S3
Durability non-carbonate carbon content		Equal or less than 3%	
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	



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