

CHATSWORTH NATURAL SLATE ROOF TILES

A strong durable blue grey best grade Spanish slate with excellent proven reliability in the UK and Europe for over 30 years. It naturally splits from the block to give a relatively flat smooth fine grain surface with longitudinal texture. It has few visible stable inclusions and excellent selection between 5 – 6mm thick.

Overview

Origin	The "CHATSWORTH" Spanish natural roofing slates are extracted from deposits in the Galicia region of North West Spain.
Colour	Blue Grey
Texture	A smooth fine grain slightly textured surface with a traditional dressed edge detail
Quality	Northern Slate supply the Chatsworth Blue Grey in the Best quality and grades, having been through a stringent selection process and tested to the requirements of British and European Standards
Slate thickness	5/6mm, 6/7mm and 8/9mm
Sizes available	50x30cm (20"x10"), 50x25cm (20"x10"), 40x25cm (16"x10"), 40x22cm (16"x9"), 40x20cm (16"x8"), 30x20cm (12"x8")

Technical Info

Minimum roof pitch	25° Moderate Exposure 30° Severe Exposure
Headlap (Average)	(85mm -105mm) pre holed at 90mm
Batten spacing (Average)	205mm
Size of tile	500 x 250mm
Covering capacity	20.0 slates per m ² (Guide)
Cover width	250mm
Weight as laid	38-40kg per m ²
Battens per m ²	4.88m
Batten size	50 x 25mm
Nail size/type of tiles	30/32mm x 3.35g
Guarantee	30 years

Suitability & Use

A strong, durable slate with excellent proven reliability and performance here in the UK and European markets for over 35 years. It naturally splits from the block to give a relatively flat smooth fine grain surface with slight longitudinal texture. It is free of any reactive mineral inclusions and conforms to the requirements of BS EN 12326 with a W1 T1 and S1



specification. (Copy BS EN 12326 Declaration of Performance certificate available upon request)

Chatsworth slates also conform to the stringent requirements of NF (Norm Francais) 228; this requires the quarry and slates to meet even greater exacting quality criteria and production testing procedures culminating with barcode traceability to be approved for use in France.

The French market is known to receive over 80% of global slate production NF 228 demands the very best selections so you can be confident you are receiving a consistent quality slate with every consignment. (Copy NF certification available upon request)

As a benchmark for quality and selection you should ensure the slates meet the requirements detailed within the "Northern Slate quick quality check list" to ensure you are receiving the very best slate for your proposed natural slate roof.

Certification & Testing

All our slates are regularly tested to the British and European Harmonised Standard BSEN 12326-1: 2014 with the following results:

- Highest Class A1/W1 for water absorption
- Highest Class T1 for thermal cycle resistance
- Highest Class S1 for sulphur dioxide exposure resistance
- Excellent transverse and longitudinal flexural strength
- Acceptable non-carbonate content

Copies of the latest test results, Declaration of Performance and CE Marketing are available as downloads from our website or please contact us and we will send them to you.