

REPRODUCTION  
RANDOM DIMINISHING  
WESTMORLAND GREEN SLATE  
**APPROVED**  
BY THE  
LAKE DISTRICT NATIONAL PARK AUTHORITY



**25**  
Year  
Guarantee

**BS:EN**  
492:2012  
Tested

**greys** **Art** slate  
Roofing Products

Reproduction Random Diminishing  
Westmorland Green Slate & Welsh Slate



Manufactured in the UK

[greysroofing.co.uk](http://greysroofing.co.uk)



Aged Westmorland Green



Aged Westmorland Green



Aged Westmorland  
Green



Manufactured in the UK



## Greys Random Diminishing Conservation Slate is a cost effective alternative to natural slate producing a crafted authentic diminishing roofscape.

With over 20 years of manufacturing experience Greys Reproduction Slate Roofing Products are hand crafted to give an authentic roofscape. The glass fibre concrete construction provides a light yet durable roofing material. An easy to lay format and a range of compatible products, including ridges and slate vents create an extremely versatile and cost effective alternative to natural products.

### Designed to Diminish

Our slates are designed to give a random diminished course roofscape. A wide range of sizes ensure the roof can be laid using a random diminishing course technique providing greater weather protection and an authentic look.

### Advantages of Greys Random Diminishing Conservation Slate

- Up to 75% cost saving of Natural Slate product
- Product readily available (no long lead times therefore no site delays)
- Uniform thickness, No Sorting or Grading required by Building/Roofing Contractor, saving on time and labour
- Designed to diminish, batten schedules provided
- Construction allows easy cutting without cracking or breaking
- Coloured through product, weathers like slate not concrete
- Available in Welsh Blue/Grey, Welsh Heather/Purple & Westmorland Green Colours

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## Diminishing Reproduction Westmorland Green Slate

Westmorland Green natural slate has been quarried for over 400 years to create a truly stunning roof covering that is used throughout the British Isles. The slate provides an appearance of distinction that would grace any home, with its elegant green colour, is quintessentially British and speaks permanence. Natural slate is renowned for being quarried from Honister Slate Mine or Burlington Stone quarries located near Kirkby-in-Furness within the Lake District National Park.

Due to demand overtaking supply and therefore an increase in costs and availability of Westmorland Green Slates, Greys recognised that there would be a demand to provide a genuine alternative, that not only provides a cost saving of around 75% against the natural product, but also replicates identically the random diminishing course roofscape the Westmorland slate deserves and is also readily available.



Greys Reproduction Slate provides an exquisite finish and gives an identical laid appearance to that of the natural product. With moulds taken from Westmorland Green natural slate originals, the exquisite texture of the reproduction is essential, as this surface creates the Westmorland Greens distinctive characteristics.

As specialists in manufacturing Random Diminishing Stone slates for the Yorkshire

Dales National Park for over 25 years, we provide an easy to lay format to provide not only cost savings on the roofing slates but also in time and labour.



New Quarried  
Westmorland  
Green



Aged  
Westmorland  
Green



Aged Westmorland Green



Aged  
Westmorland  
Green



Aged Westmorland







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Aged  
Westmorland  
Green



Aged Westmorland Green



New Quarried  
Welsh Blue/Grey



## Diminishing Reproduction Welsh Slate

Welsh slate is synonymous with quality, performance and prestige. Even from as early as the 18th Century areas in northwest Wales, including the Penrhyn Quarry near Bethesda, the Dinorwig Quarry near Llanberis, the Nantlle Valley quarries, and Blaenau Ffestiniog were renowned for mining distinctive hand crafted roofing slate. Penrhyn, Dinorwig and the Oakeley mine at Blaenau Ffestiniog, at the height of the quarries production, were the largest slate mines in the world and slate mined was mainly used for roofing.

Today even though the Penrhyn Quarry, that was always at the centre of slate production, is still mining slate it is at a much reduced capacity from its heyday at the end of the 19th century.

With the demand overtaking supply and availability, of the Penrhyn Blue and Penrhyn Heather, inevitably the cost of the slates increased. Greys recognised that there would be a demand to provide a genuine alternative, especially the exclusive colour of the Heather purple, that not only provides a cost saving of around 80% against the natural product, but that is also readily available.



New Quarried  
Welsh  
Blue/Grey



New Quarried  
Welsh  
Heather/Purple





New Quarried  
Welsh Blue/Grey



New Quarried  
Welsh Blue/Grey



New Quarried  
Welsh Blue/Grey



New Quarried  
Welsh Blue/Grey





New Quarried  
Welsh Blue/Grey









New Quarried  
Welsh Heather/Purple





New Quarried  
Welsh Heather/Purple



New Quarried  
Welsh Heather/Purple



New Quarried  
Welsh Heather/Purple

The texture of our Reproduction Welsh Slates are taken from natural slate originals, providing a surface even at close proximity is difficult to distinguish from the quarried product.

Combining this with a roofing slate that requires no sorting or grading, therefore saving on, on site time and labour, it is a true practical alternative. A slate that truly provides a blend of quality and aesthetics.

The fine edge detail and textured surface combines with realistic colouration to create an attractive alternative to natural slate.

Greys reproduction roofing slates have been designed in consultation with professional roofers and architects, to achieve an easy to lay and uniform slating format.

Greys Artslate Roofing Slates are constructed from Glassfibre Reinforced Concrete (GRC) producing a strong and durable slate weighing only 30kgm<sup>2</sup>.

Their construction allows them to be cut easily without cracking or breaking and looks like slate when cut.

### Our Standards Speak for Themselves

Our roofing products conform to the following BSI Standards ensuring maximum performance in the toughest conditions.

Fixings - to BS 5534:2003

Durability - to BS 7543:2003

Colour - to BS 1014

None combustible - to BS 476 P.T.4

Freeze / Thaw - to BS EN 492:2012

Strength - better than BS EN 492:2012

Permeability - to BS EN 492:2012

### Our Products are Guaranteed

We're confident our product is durable enough and manufactured to the highest of standards that we give a 25 year manufacturer guarantee.

### Batten Layout Service

Our Batten Layout Service provides you with all the necessary technical information to ensure your roof will look and perform as it should.

**BS:EN**  
492:2012  
Tested

**25**  
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**FREE**  
Batten  
Layouts

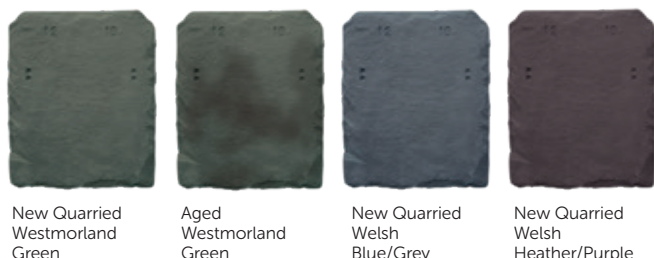


## Specifications

- Weight - 30kgm<sup>2</sup>
- Construction - Glass Fibre Reinforced Concrete
- Fixings - 35mm Copper or Aluminium alloy nails to BS 5534:2003 codes of practice for slating and tiling
- Durability - To BS 7543:2003, 'The durability of building and building elements, products and components'
- Colour - Coloured through with pigments to BS 1014
- Fire - None combustible to BS 476 P.T.4
- Freeze / Thaw - Products comply to BS EN 492:2012
- Strength - Better than BS EN 492:2012
- Permeability - To BS EN 492:2012

## RIDGE KIT FAST-FIX DRY RIDGE KIT

**6m RIDGE KIT**  
1 x 6m Ventilated Ridge Roll  
10 x Ridge Batten Brackets  
13 x Universal Ridge Unions  
1 x Fixing Kit

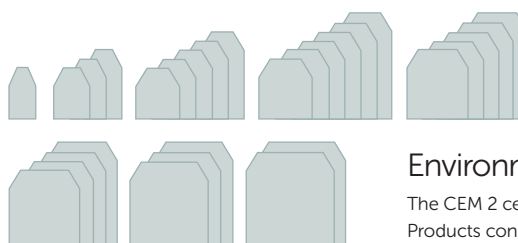


### Main Slates

HEIGHT	WIDTH	6"	8"	10"	12"	14"	16"	18"
12"		✓	✓	✓	✓			
14"		✓	✓	✓	✓			
16"			✓	✓	✓	✓		
18"				✓	✓	✓	✓	
20"				✓	✓	✓	✓	✓

### Top Slates

HEIGHT	WIDTH	6"	8"	10"
8 1/2"		✓	✓	✓



### Under Eaves

HEIGHT	WIDTH	12"
11 1/4"		✓

## Environmental Awareness

The CEM 2 cement used in Greys Artstone Roofing Products contains approximately 30% Fly Ash. (Fly Ash is the correct term as appears in European and British Standards and has replaced "Pfa"). Pulverised Fly Ash (PFA), is a waste product of pulverised fuel (typically coal) fired power stations. Manufactured in the UK for the UK market.

### Colour and Efflorescence

**Colour:** Stone and Slate colours in this brochure are subject to the limitations of the printing process and are for guidance only. Please order samples if you require a more accurate colour match.

**Efflorescence:** The phenomenon of efflorescence has been a problem to the construction industry for decades. The cause lies in the basis chemistry of all Portland cements. Efflorescence in Greys Artstone Limited products is a temporary phenomena and will disappear over time.



We're here to help call 01484 666400  
to speak to our sales team.

Email: [info@greysartstone.co.uk](mailto:info@greysartstone.co.uk) or Visit: [greysroofing.co.uk](http://greysroofing.co.uk)

