

LBS

NATURAL WELSH SLATE

LBS is the exclusive Irish distributor for Welsh Slate – the best quality roofing slates found anywhere in the world.



NATURAL SLATE,
CLAY & STONE
SPECIALISTS

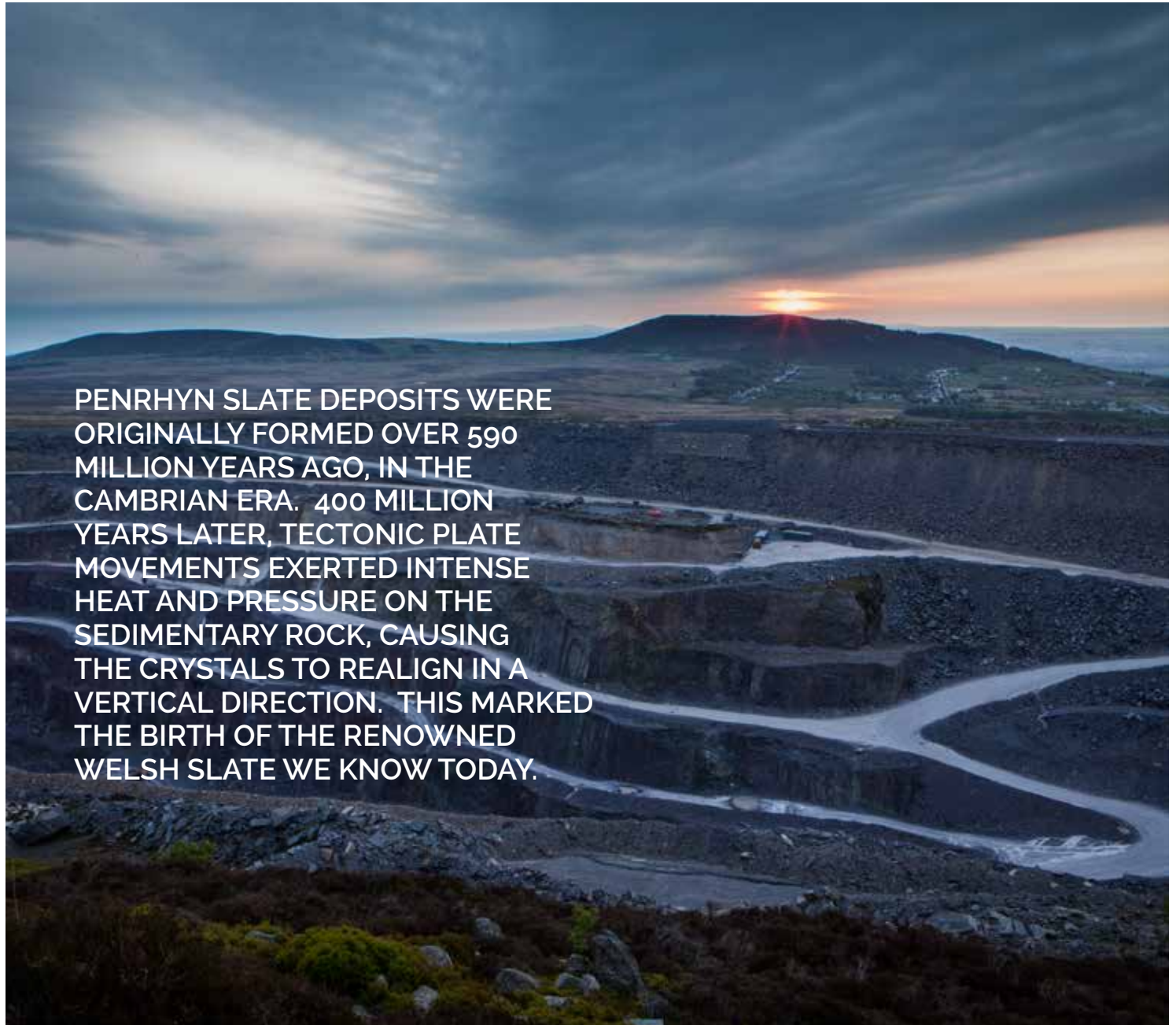
THE STRONGEST, HARDEST AND MOST DURABLE SLATE KNOWN TO MAN.

**LBS IS IRELAND'S LEADING SPECIALIST
SUPPLIER OF NATURAL ROOFING SLATES.**

WITH A STRONG COMMITMENT TO QUALITY,
LBS PRIDES ITSELF ON OFFERING ONLY THE
BEST SLATES AVAILABLE ON THE MARKET.
NO OTHER SLATE IS AS ROBUST AND DURABLE
AS WELSH SLATE. FAMOUS ACROSS THE WORLD
FOR ITS BEAUTY, STRENGTH AND VERSATILITY,
WELSH SLATE IS TRULY THE WORLD'S FINEST
ROOFING MATERIAL.



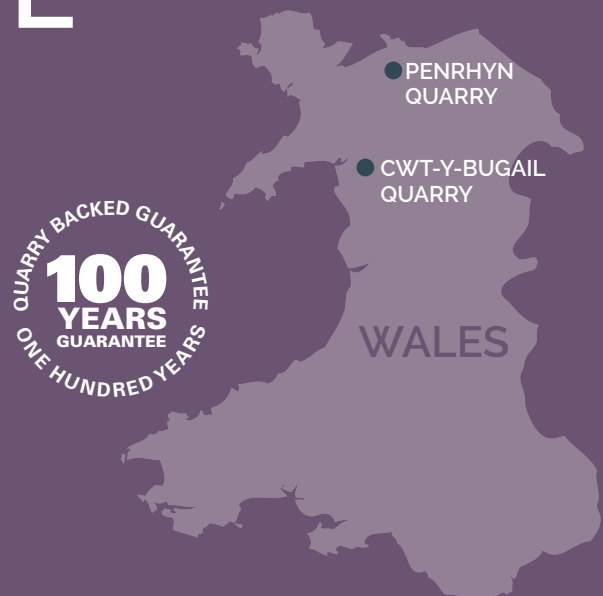




PENRHYN SLATE DEPOSITS WERE ORIGINALLY FORMED OVER 590 MILLION YEARS AGO, IN THE CAMBRIAN ERA. 400 MILLION YEARS LATER, TECTONIC PLATE MOVEMENTS EXERTED INTENSE HEAT AND PRESSURE ON THE SEDIMENTARY ROCK, CAUSING THE CRYSTALS TO REALIGN IN A VERTICAL DIRECTION. THIS MARKED THE BIRTH OF THE RENOWNED WELSH SLATE WE KNOW TODAY.

WELSH SLATE INDUSTRY

Throughout the years, hundreds of slate quarries were uncovered in North Wales. The unique geology of the region resulted in truly exceptional slate deposits. These quarries ranged from small 'hole in the ground' operations, right the way up to major scale operations, such as the Penrhyn and Cwt-y-Bugail quarries. Both of these quarries have an unparalleled reputation for supplying the world's finest slates, which are known to last for hundreds of years. The LBS range of Welsh slate is backed by an incredible 100-year guarantee, which is testament to this slate's unique durability and superiority.



PENRHYN QUARRY

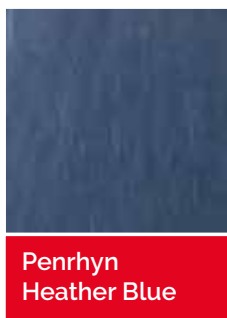
Bangor Blue Slates



Penrhyn Bangor Blue slates and Cwt-y-Bugail Porthmadog slates fully conform to BS EN 12326 (W1, S1, T1).

Both of these quarries hold BSI Kitemark certification, the hallmark of quality.

These slates are covered by a 100 year quarry backed guarantee.



Penrhyn
Heather Blue

Penrhyn slates are an attractive heather blue or purple colour, and come in standard sizes of 500 x 300mm (or 20 x 12"). However, custom sizes are available on request. The quarry frequently produces 24", 26" and even 38" slates for heritage and restoration projects, when the architect wants to replicate the original slate sizes used over 100 years ago.

Penrhyn slates come in one premium quality and 3 thicknesses:

Capital Grade (5.5mm nominal thickness)

County Grade (7.5mm nominal thickness)

Celtic Grade (9.5mm nominal thickness)

The Celtic grade was designed specifically with the Welsh, Irish and Scottish markets in mind, where a heavier slate is ideal to withstand the harsher climate.



Four Seasons
Residence
(Mayfair, London)

CWT-Y-BUGAIL QUARRY

Cwt-Y-Bugail Slates

The Cwt-y-Bugail slate quarry has been producing slates since the middle of the 19th century, and is located in the Blaenau Ffestiniog area of North Wales. Cwt-y-Bugail slates offer a distinct dark blue/grey appearance, with an attractive riven texture. The quarry is renowned worldwide for both its roofing and architectural slate. Historically, these slates have been referred to as Porthmadog slates (this name refers to the port from which they were originally shipped).

Cwt-y-Bugail slates come in one premium quality and 2 thicknesses:

County Grade (7.5mm nominal thickness)

Celtic Grade (9.5mm nominal thickness)



Coal Drops Yard (King's Cross, London)



Cwt-y-Bugail
Dark Blue Grey

Penrhyn Bangor Blue slates and Cwt-y-Bugail slates fully conform to BS EN 12326 (W1, S1, T1).

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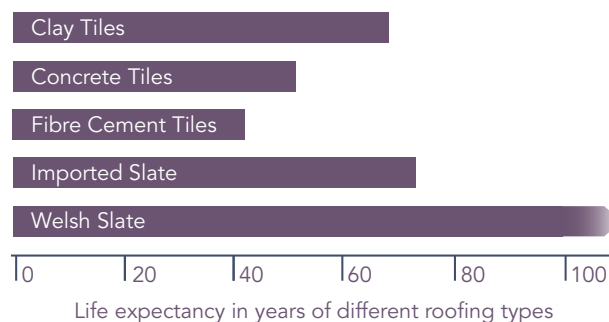
BENEFITS OF WELSH SLATE

THE STRONGEST AND MOST DURABLE SLATE IN THE WORLD, WITH A BEAUTIFUL NATURAL APPEARANCE.



A LIFESPAN MEASURED IN CENTURIES

Welsh slates are one of the only roofing materials to have a lifespan measured in centuries. For example, the roof of St. Asaph's Cathedral in North Wales was only recently re-roofed, as the Bangor Blue slates had lasted well over 400 years. These slates were stripped off and re-used on another project.





The textures and subtle colours of Welsh Slate perfectly complement both traditional stone houses and more contemporary builds. These slates will truly make your house stand out.

AN INVESTMENT FOR THE FUTURE

A second hand Bangor Blue slate is typically half the value of a new slate. It is one of the only building products that actually appreciates in value, rather than depreciates. So, if you ever decide to re-roof your house or pass it down to the next generation, the slates will be worth many times more than the original price paid for them (even allowing for inflationary increases).

CONTINUING THE HERITAGE

Bangor Blue slates have been coming into Ireland for over 600 years, and have been used to cover many of the country's landmark buildings.

NON FADING UNIQUE COLOUR

Welsh slate is available in a range of colours. The most sought after colour is that of the Penrhyn Bangor Blue: an attractive heather blue or purple colour. Penrhyn is the only source of non-fading purple slates found anywhere in the world.

SIZE AND FLEXIBILITY

Welsh slates are produced in standard sizes of 500x300mm or 20x12". This is a larger size than most imported slates, which means that the labour rate will be significantly less for fitting.

ENVIRONMENTALLY RESPONSIBLE

Welsh Slate is one of the most environmentally friendly roofing products you can use, and has a much lower carbon footprint than imported slates or cement based roofing products. Welsh Slate is also the only slate manufacturer in the world that operates to ISO 14001.

CONSERVATION & HERITAGE

DUE TO THE HISTORY AND HERITAGE OF WELSH SLATE, IT IS BECOMING INCREASINGLY POPULAR ON HERITAGE AND RESTORATION PROJECTS, WHERE THE ARCHITECT OR CLIENT SEEKS TO REPLICATE THE ORIGINAL SLATE THAT WAS USED.

The Penrhyn slate quarry has been producing slates for at least the last 600 years, and many landmark buildings around the world have been roofed with this famous slate. So when it comes to replacing the roof, Penrhyn slates are still available today, retaining the heritage of the original building.



Castleknock College (Dublin)



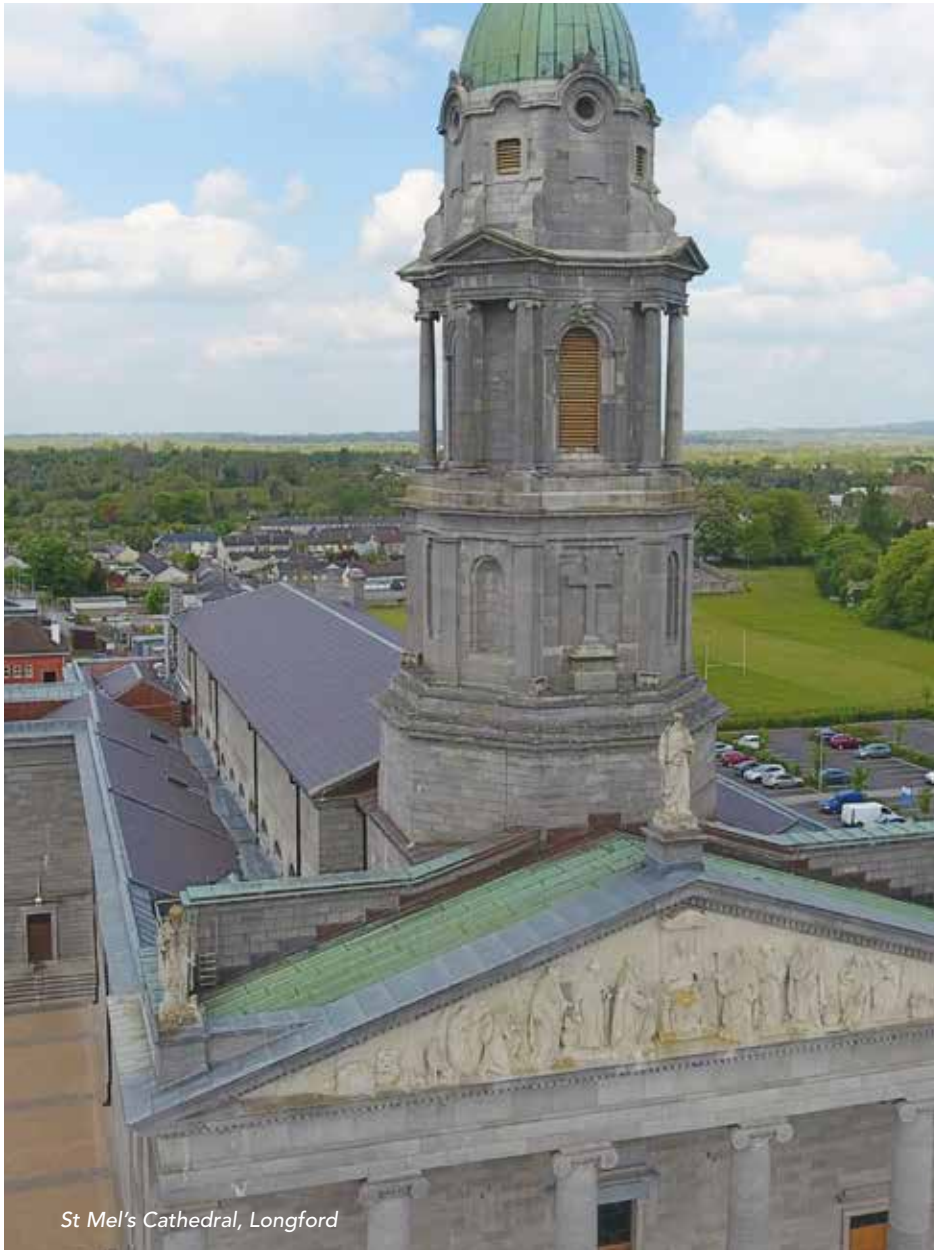
Clifton College Preparatory School (Bristol)



St Patrick's Chapel (Dungiven)



The British Library (London)



St Mel's Cathedral, Longford

In the 1800s, the preference in the quarry was to maximise their yield from the slate rock. To this end, a large number of slates that were produced were large format sizes, and given names such as Kings, Queens, and Countesses. It was not uncommon for slates to come up to three feet in length during this time. Although nowadays the standard size for slate production in Wales is 500x300mm or 20x12", it is still possible for the quarry to produce these large format sizes for restoration projects.

It is due to the unique geology of the Penrhyn quarry which enables the slates to be split into these large sizes. There is a specialist splitting station in Penrhyn, dedicated to producing large format slates that replicate the exact type and size of slates that were originally used.

Some recent examples that showcase these large sizes include St. Mel's Cathedral in Longford, the Crumlin Road Prison in Belfast, Church of the Sacred Heart in Newry, St Ignatius Church in Richmond and St. Patrick's Chapel in Dungiven.



Bangor Blue large format slate was specified for the refurbishment of Crumlin Road Gaol, in Belfast, originally built in 1845.

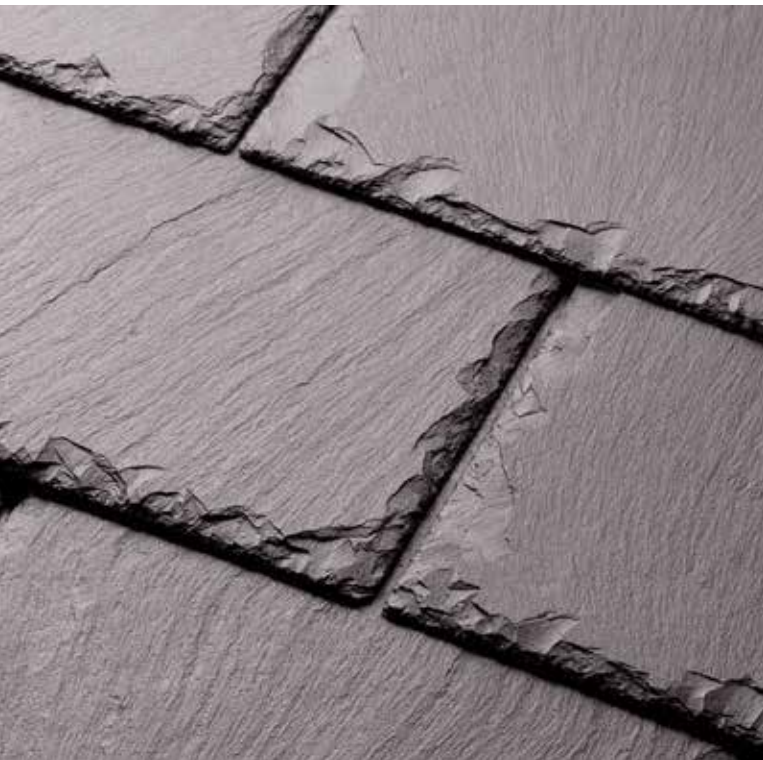
Crumlin Road Gaol (Belfast)

SELFBUILD PRIVATE HOMES



THE TIMELESS BEAUTY AND
UNIQUE QUALITIES OF WELSH
SLATE MAKE IT IDEAL FOR
A RANGE OF HOUSE TYPES
INCLUDING (BUT NOT LIMITED
TO) GEORGIAN, VICTORIAN,
ARTS & CRAFT, FARMHOUSE AND
CONTEMPORARY STYLE BUILDS.





ARCHITECTURAL SLATE USE

Although most famous for its roofing slate, Welsh Slate is also the ideal product for slate cladding, paving and flooring.



THE UNIQUE PROPERTIES OF WELSH SLATE MAKE IT THE IDEAL STONE FOR A WIDE RANGE OF ARCHITECTURAL SLATE APPLICATIONS. THESE APPLICATIONS INCLUDE PAVING AND FLOORING, LANDSCAPING, WALLING AND CLADDING.



ACCESSORIES

LBS OFFER A COMPREHENSIVE RANGE OF ROOF VENTILATION AND ACCESSORY PRODUCTS, TO ENSURE YOUR ROOF IS FITTED SECURELY AND IN ACCORDANCE WITH RELEVANT BUILDING REGULATIONS.



Plain Angle Ridge
Available in Black or Red



Roll Top Ridge
Available in Black or Red



Snowdon Ridge
Available in Black or Red



Lagan Elite Ridge
Available in Black, Red, Brown & Grey



Universal Gable End Cap



Capped Angle Ridge
Available in Black or Red



Club Crested Ridge
Available in Black, Red or Buff



LBS Uni Ridge
Available in Black or Red



Staffordshire Blue Ridge



Snowdon Gable End Cap

RIDGE TILES (CLAY, CONCRETE & SLATE)

LBS offer Ireland's most comprehensive range of ridge tiles manufactured from clay, concrete and natural slate. These ridge tiles are available in a variety of formats and colours, and complement any pitched roof beautifully.

SLATE VENTS

The LBS range of slate vents includes the In-line slate vent. This discreet unobtrusive slate vent sits flush with the roof, and gives an airflow capacity of 10,000mm². Our vents are available with adapters and soil pipe terminals if required.

OVER FASCIA VENTILATORS

This product sits on top of the fascia board and discreetly ensures a positive passage of airflow into the roof space, between the felt and the fascia board.

RAFTER ROLL

This product is designed to keep the attic insulation back from the eaves of the building, whilst allowing for the free flow of air from the soffit/fascia ventilators into the attic space.

DRY RIDGE FIXING SYSTEMS

The last few years has seen a movement away from traditional mortar fixed ridge tiles to a dry fix method. In addition to providing a more secure fixing system, this method of ridge fixing also facilitates continuous high-level ventilation.

BREATHER MEMBRANES

LBS provide a range of breather membranes designed to provide energy efficiency and offer durable protection against condensation, water and air filtration.

ARCHITECTURAL RESOURCES

LBS has a team of technical sales professionals based throughout the country. We also have an in-house technical support team, whose job it is to provide help and support to any project.

We offer a fully accredited CPD entitled 'Welsh Slate as a Roofing Material'. In addition, our website offers an architectural resource section, which includes suggested NBS specifications, data sheets, CAD drawings and other valuable resources.

Our experienced team of professionals are fully up-to-date on current building regulations (in both the Republic of Ireland and the UK), and are on hand to provide help and assistance, whether with pre-specification or after sales support.

ROOF OVERVIEW



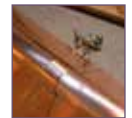
MAIN ROOF AREA

Roof Slates, Copper Nails, Slate Hooks, Breather Membranes.



RIDGE

Ridge Tiles, Ridge End Caps, Dry Ridge Fixing System & Copper Ridge Fixing System.



VALLEY

GRP Dry Valley.



ABUTMENT

Dry Soakers.



VERGE

Slate Trim (3m), Slate and a Half.



VENT TILE

Natural Slate In-Line Vent Tile, Heat Recovery Cowl Type Vent Tile.



EAVES

Eaves Support Tray, Over Fascia Vent, Roll Panel Ventilator, Rafter Roll.



HIP

Dry Hip Fixing System, Hip Starter, Universal Hip Ridge, Hip End Starter System, Non-Ventilated Hip Roll and Hip Irons.



ROOF WINDOWS

Top Hung, Centre Pivot, Fire Escape and Access Windows. Full range of sizes and finishes available.



NATURAL STRENGTH BEAUTIFUL PROTECTION

Additional copies of this brochure or any other LBS publication are available on request.

Please send a scaled hard copy of your plans or a PDF file to info@LBSproducts.com and we will quantify your drawings free of charge.

We offer a nationwide service through our distribution centres in Lisburn and Athy. For further information, please contact a member of our sales team using the details below.



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