

CEDRAL



The World of Roofs

THE NEW HOME OF TEGRAL SLATES



etex inspiring ways
of living

OUR HERITAGE

Since 1936, Cedral slates, formerly known as Tegral Slates, have been an integral part of Irish homes and buildings. As part of the Etex group, a global organisation specialising in building materials, we now unite our residential products and services under one global brand, Cedral. Our mission is to build more beautiful worlds. With over 80 years' experience, we have been putting roofs over heads across Ireland for decades.

Irish made for Irish weather, based in Athy, Co. Kildare, we are Ireland's only manufacturer of fibre cement slates and are proud Guaranteed Irish members, supporting local products and jobs.

Our commitment to continual innovation, sustainability and ever-improving standards guarantees you get access to the best products and services and can trust that your roof, and what's under it, has the best protection there is.

Contents

- 3 Our Heritage
- 4 Why choose Cedral Slates for your Roof?
- 5 Beautiful, Affordable, Sustainable
- 6 Ireland's Strongest Slate
- 8 Rivendale
- 10 Thrutone Endurance Smooth
- 12 Thrutone Endurance Textured
- 14 Supercem
- 16 Properties and Performance
- 18 Natural Slates
- 22 Fixings & Accessories
- 24 Vertical Slating
- 26 Raising the Standards of Roofing
- 27 Support & Back Up
- 28 Sustainability & Environment
- 30 Guarantees

Arch: Vivian Cummins



WHY CHOOSE CEDRAL SLATES FOR YOUR ROOF?

Tried, trusted and tested

Cedral is a modern and innovative brand, built with heart and integrity. Tried, trusted and tested, we are Ireland's only manufacturer of fibre cement slates.

Cedral fibre cement slates provide the charm of a natural slate roof with all the economical, functional, and environmentally friendly attributes of modern slate technology.

With local advisors across all corners of Ireland, as well as a dedicated internal customer service and technical team, Cedral representatives are on hand to guide you through every stage of your project.

With over 80 years' experience, we have developed a deep sense of understanding of the roofing requirements for the Irish market and our slates are specifically designed for Ireland's volatile weather.

We also offer the best guarantees for our roofing products, so you can have complete peace of mind that you are protecting your roof and what's under it when you choose Cedral.

Beautiful, affordable and sustainable

We are committed to driving the industry forward by developing beautiful, affordable and environmentally sustainable building products. Everything we do is underpinned by a dedication to striking a balance between aesthetics and quality, along with eco-friendliness, as sustainability and energy efficiency become more prevalent than ever before.



Irish made for Irish weather

Cedral slates are designed to withstand the toughest of conditions which are unique to our island.



Strongest slate

Extra reinforcing fibres and more cement make our slates stronger and more resilient than any other.



Quality guarantees

All Cedral slates come with colour and structural guarantees, giving you extra peace of mind.



Guaranteed Irish

We are proud Guaranteed Irish members, supporting local products, manufacturers and jobs.



Sustainable

Cedral slates are a lightweight, low carbon footprint and fully recyclable roofing material, rated "Excellent" under the BES 6001 standard for responsible sourcing.



Design scope

Our slates come in a range of beautiful colours, textures and shapes, and can be installed in many different ways, meaning you can design your roof to fit in or stand out.



Highest water repellency*

Cedral slates are coated with our unique siliconised paint, a formula which ensures water disperses rapidly, protecting your slates and ensuring your colour and finish will last.

* Not applicable to Cedral Supercem.



Arch: Dermot Troy



Arch: Ryan W. Kennihan



Arch: O'Neill O'Malley Architects Installer: Gort Gleann Developments Ltd

IRELAND'S STRONGEST SLATE

RIVENDALE & THRUTONE ENDURANCE



When it comes to designing and building your home, your roof is often overlooked in the planning stage. However, it is one of the most visible parts of your home and will be the only thing keeping you and your family safe from the elements. Think about the look you want to achieve and the budget you have available, but remember, a quality roof is an investment worth making.

Cedral have the highest density of any fibre cement slate because we pack extra reinforcing fibres and more cement

into each slate, while still maintaining a thin, sleek finish. Our slates come in a range of beautiful colours, textures and shapes, and can be installed in many different ways, meaning you can design your roof to fit in or stand out. Perfect for a modern or traditional build, they are an ideal choice for new builds and renovations. Our unique siliconised paint, a formula which ensures water disperses rapidly, protects your slates and guarantees your colour and finish will last.

All of these features combined create a slate that is unmatched in strength and beauty. You may need or want to change many things in your home over the course of your lifetime, but with Cedral slates, your roof won't be one of them!

Cedral slates have been Ireland's best-selling fibre cement slates for decades, tried and trusted on thousands of homes and buildings throughout the country. Building on this proud tradition, Cedral's commitment to continual innovation,

research and ever-improving standards has enabled us to develop Rivendale and Thrutone Endurance – Ireland's strongest slates. Both come with a 30 year structural guarantee and 20 year colour guarantee to give you complete peace of mind when choosing your roof. There are various colours, textures, and edges available in this range to give you maximum design scope. Whatever your dream home... we can help you achieve it!

RIVENDALE FIBRE CEMENT SLATES

Cedral Rivendale slates are designed to reflect the qualities of natural slate, at a fraction of the cost. Available in blue black or heather, Rivendale slates have a beautifully textured surface and dressed edges, combining the benefit of modern slate technology with the look of a natural slate. With more cement and fibres than any other, all Cedral slates are the strongest slates in the market. They come with a 20-year colour and 30-year structural guarantee.



A beautifully detailed surface and dressed edge that together reproduce the attractive appearance of natural slate.



Irish made
for Irish weather



Strongest
slate



Quality
guarantees



Guaranteed
Irish



Sustainable



Design scope



Highest water
repellency



Technical data

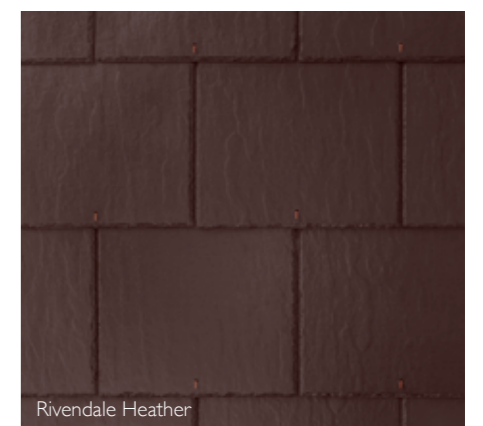
Size of slate	600mm x 300mm
Minimum pitch	25° (110mm head lap)
Maximum pitch	90°
Typical laps	100, 110mm
Maximum gauge	245-250mm
Slate thickness	4mm
Covering capacity (net)	13.4 slates/m ² (100mm lap) 13.6 slates/m ² (110mm lap)
Weight of slating (approx.)	20.4 kg/m ² (0.20 kN/m ²) (100mm lap) 20.9 kg/m ² (0.20 kN/m ²) (110mm lap)
Battens required	4.00 (net lin.m/m ²) (100mm lap)
Batten size recommended (fixed to SR82)	50 x 25mm for rafters/supports not exceeding 400mm centres 50 x 35mm for rafters/supports not exceeding 600mm centres
Fixings	Slate nails (30 x 2.65mm) Copper disc rivets (19mm dia. x 2mm stem)
Authority	EN 492

Cedral Rivendale slates are manufactured to EN492, Type NT, 4.0mm thick Fibre Cement Slates in Ireland, with a nominal average density of 1970 kg/m³ and a minimum apparent density of 1750 kg/m³. Rivendale slates have a textured surface with a dressed edge and are offered with a 20 year manufacturer's colour guarantee due to Cedral's siliconised painting process and a 30 year structural guarantee.

Etex Ireland Ltd. is independently certified as meeting requirements of ISO 9001 (Quality), ISO 14001 (Environment), ISO 45001 (Safety) and BES 6001 (Responsible Sourcing). This information is available for download at cedral.ie



Rivendale Blue Black



Rivendale Heather

The printing process restricts the exact representation of colours. For true colour reference, please request product samples.

THRUTONE ENDURANCE SMOOTH FIBRE CEMENT SLATES

Cedral Thrutone Endurance slates have a superb smooth finish and clean, sharp, square edges. Perfect in both wild spaces or urban places, this slate is perfect for both traditional and modern builds. They are unmatched in strength, and come with a 30 year structural and 20 year colour guarantee, giving you complete peace of mind when you choose Cedral Thrutone Endurance for your roof.



Thrutone Endurance Smooth, Ireland's best-selling slate, combines the best of both worlds in terms of function and beauty.



Irish made
for Irish weather



Strongest
slate



Quality
guarantees



Guaranteed
Irish



Sustainable



Design scope



Highest water
repellency



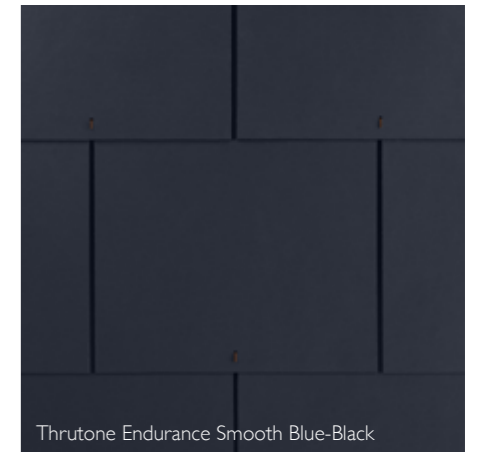
Arch: Dermot Troy

Technical data

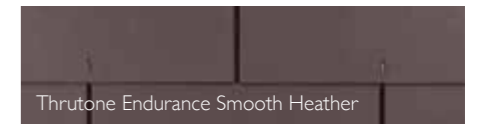
Size of slate	600mm x 300mm	500mm x 250mm
Minimum pitch	25° (110mm lap)	30° (100mm lap)
Maximum pitch	90°	90°
Typical laps	100, 110mm	100mm
Batten gauge	245-250mm	200mm
Slate thickness	4mm	4mm
Covering capacity (net)	13.4 slates/m ² at 100mm lap 13.6 slates/m ² at 110mm lap	20.0 slates/m ² at 100mm lap
Weight of slating (approx.)	20.4 kg/m ² (0.20 kN/m ²) at 100mm lap 20.9 kg/m ² (0.20 kN/m ²) at 110mm lap	21.3 kg/m ² (0.21 kN/m ²) at 100mm lap
Battens required (net)	4.00 lin.m/m ² at 100mm lap	5.00 lin.m/m ² at 100mm lap
Batten size recommended (fixed to SR82)	50 x 25mm for rafters/supports not exceeding 400mm centres 50 x 35mm for rafters/supports not exceeding 600mm centres	
Fixings	Slate nails (30 x 2.65mm) Copper disc rivets (19mm dia. x 2mm stem)	Slate nails (30 x 2.65mm) Copper disc rivets (19mm dia. x 2mm stem)
Authority	EN 492	EN 492

Cedral Thrutone Endurance Smooth slates are manufactured to EN492, Type NT, 4.0mm thick Fibre Cement Slates in Ireland, with a nominal average density of 1970 kg/m³ and a minimum apparent density of 1750 kg/m³. Thrutone Endurance Smooth slates have a textured surface with a dressed edge and are offered with a 20 year manufacturer's colour guarantee due to Cedral's silicised painting process and a 30 year structural guarantee.

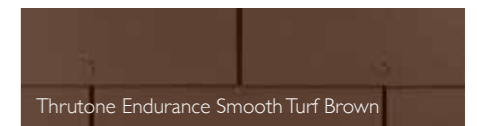
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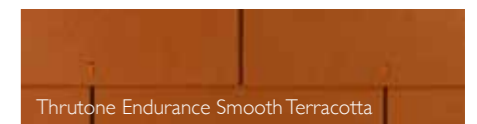
Thrutone Endurance Smooth Blue-Black



Thrutone Endurance Smooth Heather



Thrutone Endurance Smooth Turf Brown



Thrutone Endurance Smooth Terracotta



Thrutone Endurance Smooth Russet



Thrutone Endurance Smooth Stone Green

The printing process restricts the exact representation of colours. For true colour reference, please request product samples.

Other Shapes



Diamond

THRUTONE ENDURANCE TEXTURED FIBRE CEMENT SLATES

Cedral Thrutone Endurance Textured slates offer the same strength and durability as our flagship smooth slate, but have a subtle, attractive textured finish which will enhance any roof and home. They come with a 30 year structural and 20 year colour guarantee.



Cedral Thrutone Endurance Textured slates have a subtle textured surface which will enhance the overall aesthetic of any roof and home.



Irish made
for Irish weather



Strongest
slate



Quality
guarantees



Guaranteed
Irish



Sustainable



Design scope



Highest water
repellency



Technical data

Size of slate	600mm x 300mm	500mm x 250mm
Minimum pitch	25° (110mm lap)	30° (100mm lap)
Maximum pitch	90°	90°
Typical laps	100, 110mm	100mm
Maximum gauge	245-250mm	200mm
Slate thickness	4mm	4mm
Covering capacity (net)	13.4 slates/m ² at 100mm lap 13.6 slates/m ² at 110mm lap	20.0 slates/m ² at 100mm lap
Weight of slating (approx.)	20.4 kg/m ² (0.20 kN/m ²) at 100mm lap 20.9 kg/m ² (0.20 kN/m ²) at 110mm lap	21.3 kg/m ² (0.21 kN/m ²) at 100mm lap
Battens required (net)	4.00 lin.m/m ² at 100mm lap	5.00 lin.m/m ² at 100mm lap
Batten size recommended (fixed to SR82)	50 x 25mm for rafters/supports not exceeding 400mm centres 50 x 35mm for rafters/supports not exceeding 600mm centres	
Fixings	Slate nails (30 x 2.65mm) Copper disc rivets (19mm dia. x 2mm stem)	Slate nails (30 x 2.65mm) Copper disc rivets (19mm dia. x 2mm stem)
Authority	EN 492	EN 492

Cedral Thrutone Endurance Textured slates are manufactured to EN492, Type NT, 4.0mm thick Fibre Cement Slates in Ireland, with a nominal average density of 1970 kg/m³ and a minimum apparent density of 1750 kg/m³. They have a textured surface with a square edge and are offered with a 20 year manufactures colour guarantee due to Cedral's siliconised painting process and a 30 year structural guarantee.

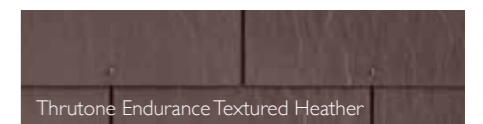
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The five non-standard colours and shapes may require extended lead times and be subject to minimum order quantities. Talk to us today about availability.

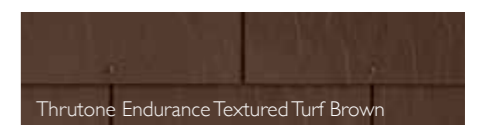
Other Shapes



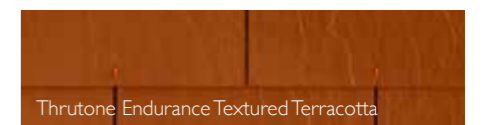
Thrutone Endurance Textured Blue Black



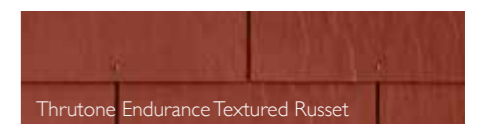
Thrutone Endurance Textured Heather



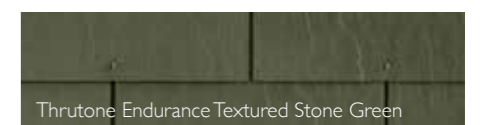
Thrutone Endurance Textured Turf Brown



Thrutone Endurance Textured Terracotta



Thrutone Endurance Textured Russet



Thrutone Endurance Textured Stone Green

The printing process restricts the exact representation of colours. For true colour reference, please request product samples.

SUPERCEM

FIBRE CEMENT SLATES

Cedral Supercem is our economy roof slate product, perfect for housing developments and renovations.

They are available in 600mm x 300mm and are rectangular in shape. Supercem slates are deep black in colour and have a smooth finish.

They come with a 10-year colour guarantee and a 30-year structural guarantee.

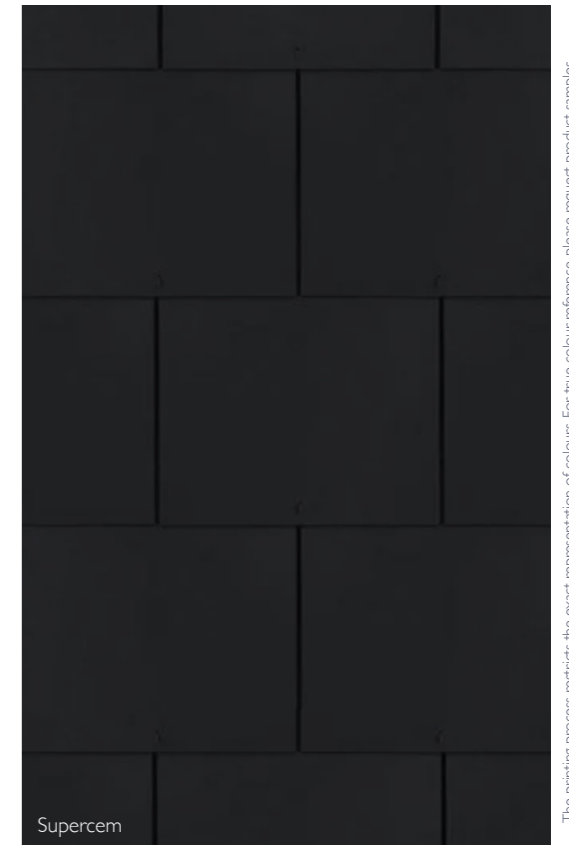


Technical data

Size of slate	600mm x 300mm
Minimum pitch	25° (110mm head lap)
Maximum pitch	90°
Typical laps	100, 110mm
Maximum gauge	245-250mm
Slate thickness	4mm
Covering capacity (net)	13.4 slates/m ² (100mm lap) 13.6 slates/m ² (110mm lap)
Weight of slating (approx.)	20.4 kg/m ² (0.20 kN/m ²) (100mm lap) 20.9 kg/m ² (0.20 kN/m ²) (110mm lap)
Battens required	4.00 (net lin./m ²) (100mm lap)
Batten size recommended (fixed to SR82)	50 x 25mm for rafters/supports not exceeding 400mm centres 50 x 35mm for rafters/supports not exceeding 600mm centres
Fixings	Slate nails (30 x 2.65mm) Copper disc rivets (19mm dia. x 2mm stem)
Authority	EN 492

Cedral Supercem slates are manufactured to EN492, Type NT, 4.0mm thick Fibre Cement Slates in Ireland, with a nominal average density of 1970 kg/m³ and a minimum apparent density of 1750 kg/m³. They have a smooth surface with a square edge and are offered with a 10 year manufacturer's colour guarantee and a 30 year structural guarantee.

Exetex Ireland Ltd. is independently certified as meeting requirements of ISO 9001 (Quality), ISO 14001 (Environment), ISO 45001 (Safety) and BES 6001 (Responsible Sourcing). This information is available for download at cedral.ie



The printing process restricts the exact representation of colours. For true colour reference, please request product samples.



Irish made
for Irish weather



Strongest
slate



Quality
guarantees



Guaranteed
Irish



Sustainable



Design scope



PROPERTIES & PERFORMANCE

Features of Cedral fibre cement slates

- Minimum service life of 60 years confirmed by the Building Research Establishment (BRE)
- Can achieve an A+, the highest rating available, in the BRE Green Guide
- Low carbon footprint or Global Warming Potential of 16.2kg CO₂ – Eq Ref 2020 EPD from Irish Green Building Council
- BES 6001 certified as “Excellent”
- Clean, low energy production process
- Fully recyclable

Environmental Product Declarations

An Environmental Product Declaration has been issued for Cedral fibre cement slates and is available on cedral.ie.

Declarations of performance

Declarations of performance for all Cedral slates are available at cedral.world/ie/dop

Recyclability

At ‘end of life’ crushed fibre cement products can be recycled without need for further processing, as a raw material for use in the manufacture of Portland Cement.

Composition and manufacture

Cedral fibre cement slates are manufactured from cement, water, selected cellulose and polymeric fibres which are all bonded together using the Hatschek rotational cylinder process. Slates are cut from formed base sheets, pressed and cured and in a separate process cured slates are sealed on the reverse, sprayed with an acrylic coating, cooled and stacked.

Density and thickness

Cedral Fibre Cement Slates have an average density of 1970kg/m³ (minimum of 1750kg/m³) when tested to EN492 and a nominal thickness of 4mm.

Performance

The slates are tested for resistance to wind driven rain and meet the requirements of SR82 ‘Irish code of practice for slating and tiling’ and BS5534 ‘British code of practice for slating and tiling’. Additionally, the manufacturing location operates an environmental management system certified to ISO 14001 ‘Environmental management systems’ and Health and Safety Management Standard, ISO 45001.

Strength

Cedral fibre cement slates meet the strength requirements of EN 492, (where the Standard requirement is >45Nm/m), achieving an average bending moment of 65Nm/m.

Fire resistance

Cedral fibre cement slates are non-combustible and considered ‘deemed to satisfy without the need for further testing’ in relation to the requirements for external fire performance when tested for fire protection and spread of flame to EN 1187 ‘Test methods for external fire exposure to roofs’ (BS 476-3). The slates are designated A2-S1, d0 in accordance with EN 13501-1 and Class 0 for Part B of the Building Regulations, meaning their usage on roofs and walls is unrestricted.



Authority

Cedral fibre cement slates are manufactured in accordance with a quality management system registered to ISO 9001 ‘Quality Management Systems requirements’ for products manufactured to EN 492 ‘Fibre cement slates and fittings – Product specification and test methods’.

Cedral fibre cement slates are also designed to meet the relevant performance requirements of SR82 ‘Irish code of practice for slating and tiling’ and BS5534 ‘British code of practice for slating and tiling’. Additionally, the manufacturing location operates an environmental management system certified to ISO 14001 ‘Environmental management systems’ and Health and Safety Management Standard, ISO 45001.

Demonstrating our commitment to sustainable building, all of our roofing products are certified “Excellent” under the BES 6001 Standard for Responsible Sourcing.

Traceability

Cedral slates exceed the requirements of the product standard EN 492:2012 which state a minimum of 15% of slates must feature a manufacturing code on the underside of the slates. We mark a minimum of 50% of our slates.



Environmental effects

Thermal

The thermal resistance (R) of fibre cement slates when dry is 0.011 m²K/W.

For the purpose of thermal transmittance calculations, the ‘R’ values above should be substituted by a figure of 0.12 m²K/W which includes the roof covering and airspace behind the slates. An ‘R’ value of 0.002 m²K/W should be added for the roof underlay.

Heat

Slates are normally unaffected by the range of climatic temperatures (-20°C to +70°C). Slates should be laid with a maximum gap of 5mm to accommodate any movement induced by changes in temperature and to facilitate the fitting of the crampion / disk rivet.

Frost

Unaffected by frost and meets the requirements of EN 492.

Atmospheric pollution

Suitable for most rural, marine and normal industrial environments. Avoid discharge of gases or liquids from chemical processes onto the surface of slates. Resistant to all but the most highly polluted atmospheres where sulphur dioxide levels exceed 70 microgrammes/m³ of air.

Health and Safety Guidance Sheets

Cedral slates are fully compressed and are solid and inert when supplied. All component materials are essentially non-volatile and of low toxicity. The major components can be regarded as essentially harmless. Cedral slates can be cut by scribing and breaking over a straight edge or by using a hand slate cutter.

The use of power tools to cut fibre cement slates is not recommended as it can generate harmful dusts. The use of any power tools to cut or drill fibre cement slates should be carefully risk assessed and appropriate controls put in place. Guidance on harmful dusts in the workplace is available from the Health & Safety Authority, Ireland, the Health and Safety Executive Northern Ireland and UK.

Fixing specification

Cedral slates should be fixed in accordance with the recommendations of SR82 ‘Irish code of practice for slating and tiling’ and BS5534 ‘British code of practice for slating and tiling’.

The Cedral Technical Support Department can provide a fixing specification, given the relevant criteria relating to the type of slate, site location, topography, and building/roof dimensions.

Anatomy of a Cedral Rivendale Slate

Nail hole

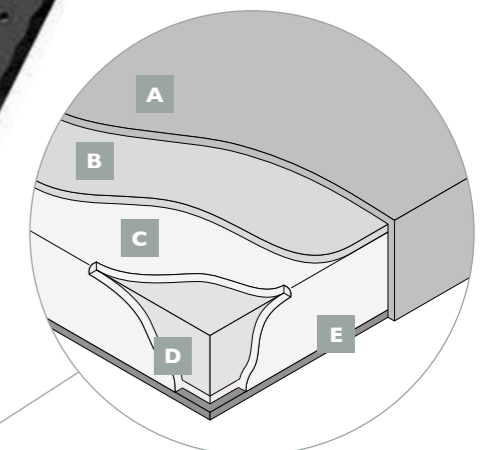
Clear wax coating on underside

UV-resistant acrylic siliconised coating

Dressed edges

Textured surface

Crampion/disk rivet hole



Fibre cement slate coatings

- A UV-resistant acrylic siliconised coating
- B Primer coating
- C Secondary coating (cement/pigment/iron oxide)
- D Fibre cement base sheet
- E Clear wax coating

NATURAL SLATES QUALITY, NATURALLY

Cedral also offer a range of classic natural slates, sourced from the world's foremost quarries to ensure the highest quality selection available in the Irish market. Superbly practical, durable and low maintenance, natural slates typically have a natural tonal variation that will add character and beauty to your home.

In our extensive range of natural slates, you'll find a selection of colours and finishes, all with their own unique rock characteristics which will enhance the aesthetic qualities of your building.

Our dedicated local advisors and technical team can provide guidance specific to your building project, to help ensure you choose the natural slate that is right for you.



NATURAL SLATES

QUALITY, NATURALLY

Superbly practical, durable and low maintenance, natural slates typically have a natural tonal variation that will add character and beauty to your home.



Torres

Torres are a top-quality natural slate with a beautiful textured finish and mid-grey colour. One of the most sought after natural slates in the Cedral range, they originate from Northern Spain. Torres come with a 50 year guarantee.



Molina

Molina high quality natural slates are sourced from Northern Spain. Their coarse texture and blue grey colour will add character and give a roof a traditional appearance. Molina come with a 50 year guarantee.



Cedral guarantee our natural slates when fixed in accordance with Irish and British codes of Practice. Because it is a natural product, the characteristics of the slates may vary. We recommend you talk to your local Cedral Advisor for further information and samples.

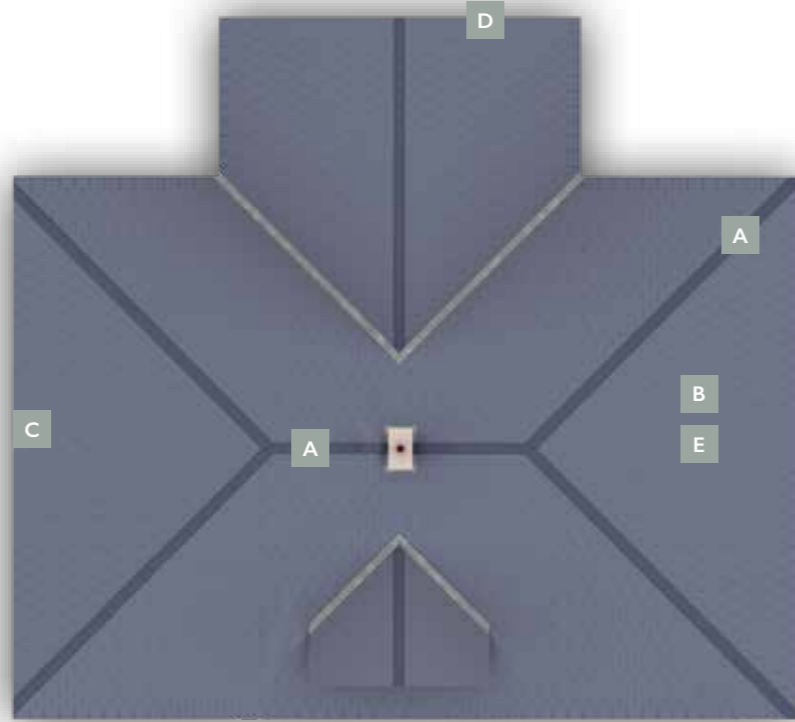
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ACCESSORIES & FIXINGS

A perfect roof requires more than just slates. The right accessories not only complement the roof and house and give a beautiful finish, but they are also essential for a long lasting, secure roof.

Modern buildings are warmer and better insulated than ever before, which means adequate ventilation is crucial.

Cedral offer a complete set of accessories and fixings to save you time on site and provide you with the best protection for your roof. All our products are carefully designed, tested and manufactured in accordance with SR82 and BS5534 and are available ex stock.



A RIDGES & HIPS

 Fibre Cement Ridge 525mm cover; Blue-Black, Black & Colours	 Fibre Cement Mono Ridge 525mm cover; Blue-Black, Black & Colours	 Fibre Cement Stop End 190mm cover; Blue-Black, Black & Colours	 Fibre Cement Hip Stop End 190mm cover; Blue-Black, Black & Colours	 No.2 Clay Universal Ridge 380mm cover; Black & Red
 No.2 Clay Universal Hip Starter 380mm, Black & Red	 No.2 Clay Universal Ridge Stop-end Insert Black & Red	 Clay Plain Angle Ridge 450mm Black & Red	 Clay Half Round Ridge 305mm Black & Red	 Clay Mono Ridge 305mm Black & Red
 Clay Capped Angle Ridge 450mm Black & Red	 PAR Dry Fix Ridge Junction Long Suitable for 135-105° 10 per box	 PAR Dry Fix Ridge Junction Short Suitable for 90-75° 10 per box	 Ridge and Hip Roll For continuous ventilation 310mm wide, 2x 5m rolls	



Available Ridge & Hip Angles
Fibre Cement Standard Angles: 145°, 135°, 120°, 105°, 90°, 80°, 72½°
Fibre Cement Mono Angles: 67½°, 62½°, 55°, 45°
All of our fibre cement standard and mono ridges have a wing length of 148mm, with the exception of the 55° which is 158mm.

Clay Standard Angles: 135°, 125°, 115°, 105°, 90°, 75°
Clay Mono Ridge: This ridge suits all roof pitches between 35° & 45°
No.2 Clay Universal Ridge: This ridge suits all roof pitches between 22 ½° & 40°

B MAIN ROOF

 CVI & CVPI Economy Vent 5000mm² free area	 CVS2 Utility Slate Pipe not included, (for illustration purposes only)	 CVPI I In-line Vent 10,000mm² free area	 CVP5 Large Capacity Vent 20,000mm² free area	 CVPP Flexitube Including one Jubilee Clip 110mm	 CVFW Felt Weir
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C EAVES

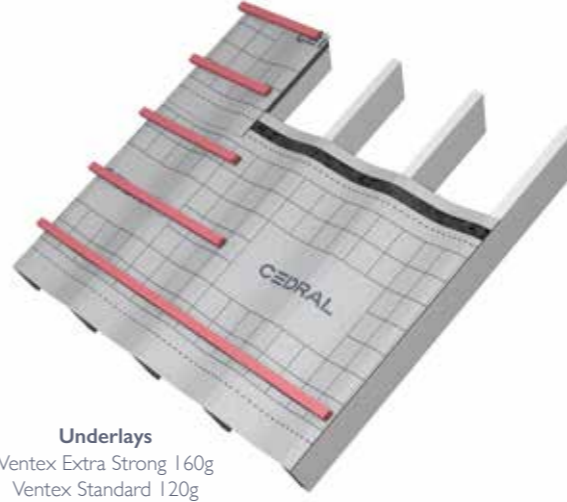
 CCR Rafter Roll 6m long	 UST60 Rafter Tray 600mm long	 UST12 Eaves Carrier 1.5m long	 CCFI Eaves Comb Filler 1000mm long	 CFV10 & CFV25 Over-Fascia Vents 1000mm long	 CSV10 & CSV25 Soffit Vents 2440mm long
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D TRIMS

Available in Blue Black and Black

 ST1 Aluminium Trim 3050mm long, New Roofs	 ST2 Aluminium Trim 3050mm long, Flush Gables	 ST3 Aluminium Trim 3050mm long, Existing Roofs	 ST4 Aluminium Ridge Cap Small 3050mm long	 ST5 Aluminium Ridge Cap Large 3050mm long	 ST6 Aluminium Soaker 330mm long	 ST7 Aluminium Valley Trim 3050mm long
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E UNDERLAYS



Underlays
Ventex Extra Strong 160g
Ventex Standard 120g

GENERAL FIXINGS

 Copper Crampions Natural Copper	 Copper Nails Various Sizes	 Slater's Tub 2,160 Copper nails (30 x 2.65mm) 1,080 Copper disc rivets/crampions
 Black Lacquered Drive Screws For fibre cement ridge, 110mm long	 Stainless Steel Slate Hooks Various sizes	

VERTICAL SLATING

A NEW DIMENSION FOR FIBRE CEMENT SLATES

For new build as well as renovation work, vertical slating offers an excellent aesthetic and protective solution. Existing buildings with irregularities in walls can be corrected at the same time as being radically embellished and given real added value. Without impact on the interior surface of buildings or causing disruption to the occupants, vertical slating allow regeneration and insulation of facades in an elegant, original and effective way. Vertical installation can be achieved using any of the fibre cement slates in our range*.

Each building is unique and we have designed our range to respond to the huge scope of architectural requirements for both new build and renovation, aesthetically and in terms of performance. With different fixing solutions, a selection of colours in the range and varying installation patterns, you have broad design scope with vertical slating.

* May require extended lead times or be subject to minimum order quantities. Talk to us today about availability.



Give free rein to your creativity with vertical slating. A new dimension to design with fibre cement slates.

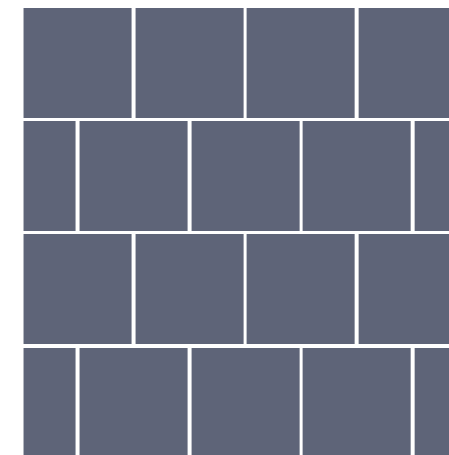
Arch: BGA Architects

VISIT CEDRAL.IE OR CALL +353 (0) 59 863 1316 FOR MORE INFORMATION



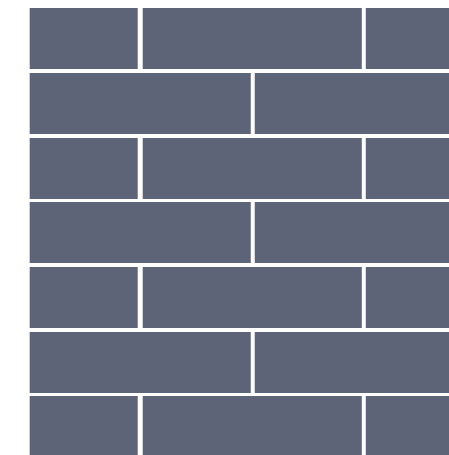
Arch: Haelewyn Architects

Fibre cement slates can be fixed in varying patterns for unique design.



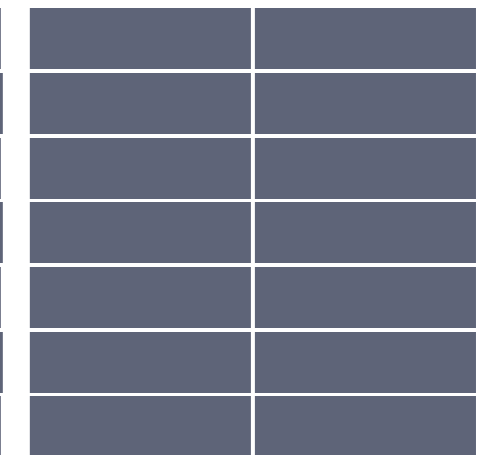
Traditional

Natural slate appearance with slate hooks.



Broken Bond

Staggered panels giving close boarded effect



Panel

Regular bond panels giving geometric precision.

For full information on rainscreen cladding installation requirements and design for traditional, broken bond and panel installation systems, including typical abutment details and standard accessories, talk to us today.

VISIT CEDRAL.IE OR CALL +353 (0) 59 863 1316 FOR MORE INFORMATION



CEDRAL | ACADEMY

Raising the standards of roofing

The Cedral Academy (formerly the Tegral Academy), is Ireland's first-ever dedicated training facility for roofing, was launched in 2015 as part of an initiative to raise the standard of roofing in Ireland. Topics covered at Academy training sessions include codes of practice SR82 and BS5534, BC(A)R regulations, common defects in roof construction and how to avoid them, ventilation, roof light installation, the fibre cement manufacturing process and Cedral's quality testing procedures.

Find an Academy trained roofer at www.cedral.ie

"Everything was really useful. If you stick to Cedral's specifications, you can't go wrong after today's lesson."
Jack Goucher Roofing

"Seeing exactly how the slates were made and the amount of tests done to meet Cedral's very high standard was impressive. I hadn't been aware before just how many products Cedral supply!"
Redmond Roofing Ltd.

"From the very beginning we felt confident that we were making the right decision for our home. Cedral were able to provide us with the highest quality, durable slate and assist us in finding a qualified roofer to help us with our project."
Martin Stapleton, Homeowner

OUR 10 POINT CHECKLIST RAISING THE STANDARDS OF ROOFING

1 EAVES

Are the eaves constructed correctly?

2 BATTEN GAUGE

Are the battens set to the gauge properly?

3 UNDERLAY

Is the underlay laid correctly?

4 FIXINGS

Are the ventilation products installed correctly?

5 VENTILATION

Does the roof ventilation comply with the building regulations?

AT CEDRAL ROOFS, WE HAVE A SIMPLE 10-POINT CHECKLIST TO ENSURE A PERFECT ROOF

6 THE RIDGE

Is the ridge fixed in accordance with Cedral's recommendations?

7 THE HIP

Is the hip fixed in accordance with Cedral's recommendations?

8 PITCHED METAL VALLEY

Is the valley constructed correctly with valley boards set at correct level?

9 THE VERGE

Is the verge correctly detailed?

10 SLATES

Have the slates been laid correctly?

You can also download our fixing guide on cedral.ie for more detailed guidance on installation of our Cedral fibre cement slates.



SUPPORT & BACKUP

At Cedral, we are committed to providing outstanding customer care, supporting your project at every stage.

Customer Service & Sales

We have a team of highly experienced local advisors covering every corner of Ireland who are available to discuss your roofing requirements, as well as a dedicated internal customer service team, who are on hand to support.

Tel: +353 (0) 59 863 1316
Email: info.ireland@cedral.world

Technical Support

At Cedral, we pride ourselves on our technical expertise. Our Technical Support Department, which are staffed by a highly qualified team, have specialist knowledge not only of Cedral products, but also crucially, how those systems integrate with other roofing components and comply with building regulations, health and safety and environmental criteria.

For all technical queries, please contact us at:

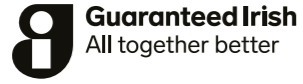
Tel: +353 (0) 59 863 1316
Email: info.ireland@cedral.world

Recommended Roofing Installer

You can find a full list of our Cedral Academy trained roofing installers from all across Ireland on our website

www.cedral.ie

SUSTAINABILITY & ENVIRONMENT



Quality Standards & CE Marking

Cedral is independently certified as meeting requirements of ISO 9001 (Quality), ISO 14001 (Environment), ISO 45001 (Safety) and BES 6001 (Responsible Sourcing). All of our products covered by an EN Standard carry an appropriate CE Mark.

BES 6001 “Excellent”

Demonstrating our commitment to sustainable building, all of our fibre cement products are certified “Excellent” under the BES 6001 standard for responsible sourcing.

Embodied Carbon

Embodied carbon figures are available at product level for our entire roofing range. This absolute clarity of environmental information allows our customers to make informed choices.

Gold Member of Irish Green Building Council

We are proud to be gold members of the IGBC whose objective is to transform the Irish industry to sustainable practices through policy creation, education and provision of tools to measure and accelerate progress.

Guaranteed Irish

Cedral are one of the founding members of Guaranteed Irish and proud to be the only manufacturer of fibre cement slates in Ireland. We are committed to sourcing our raw materials locally where possible and are the largest employer in South Kildare.

At Cedral
we build more
beautiful worlds



RIVENDALE & THRUTONE ENDURANCE GUARANTEE

30 YEAR STRUCTURAL, 20 YEAR COLOUR

Description

Rivendale and Thrutone Endurance slates are manufactured in Ireland under the ISO 9001:2015 Quality Management System certified by both NSAI and in accordance with the European Norm EN 492:2012.

Use

Rivendale and Thrutone Endurance slates are for use on pitched roofs, or hung vertically in accordance with the fixing of fibre cement slates as specified in the Irish Code of Practice for Slating and Tiling SR82, or the British Code of Practice for Slating and Tiling BS5534:2014 and BS8000: Part 6. Reference should also be made to Cedra's Slating Manual.

Structural Guarantee

Rivendale and Thrutone Endurance slates meet the requirements of EN 492:2012 and when fixed in accordance with SR82 and BS5534:2014 carry a 30 year structural guarantee from the date of manufacture. If during the period of guarantee the product is found not to conform to the stated properties in the Product Standard EN492, the affected slates will be replaced at no cost.

Colourisation

The colourisation system, used on Rivendale and Thrutone Endurance slates, is a multi-stage process, incorporating water-based coatings and ensuring a highly durable surface finish.

Colour Guarantee

Etex Ireland Ltd. guarantees the colourisation system for a period of 20 years. The slates will be affected by weather as described below and will take on a more matt appearance over time. However, when the roof/wall is viewed at a reasonable distance from ground level, the slates will continue to show their generic colour appearance. If Rivendale or Thrutone Endurance slates fail to give their generic colour appearance within the 20 year period, then an on-site colour treatment to the affected area(s) will be applied free of charge.

This guarantee does not affect consumers' statutory rights.

Weathering

On exposure the slate surface and/or its coating will be affected by weathering which may vary with site location, aspect, pitch of roof and duration of exposure. Any deterioration in this respect shall not detract from the mechanical and physical characteristics as specified in the standard or from the function of the slate as a durable element.

SUPERCEM GUARANTEE

30 YEAR STRUCTURAL, 10 YEAR COLOUR

Description

Supercem slates are manufactured in Ireland under the ISO 9001:2015 Quality Management System certified by both NSAI and BSI and in accordance with the European Norm EN 492:2012.

Use

Supercem slates are for use on pitched roofs, or hung vertically in accordance with the fixing of fibre cement slates as specified in the Irish Code of Practice for Slating and Tiling SR82, or the British Code of Practice for Slating and Tiling BS5534:2014 and BS8000: Part 6. Reference should also be made to the Cedra Roofs Fixing Guide.

Structural Guarantee

Supercem slates meet the requirements of EN 492:2012 and when fixed in accordance with SR82 and BS5534:2014 carry a 30 year structural guarantee from the date of manufacture. If during the period of guarantee the product is found not to conform to the stated properties in the Product Standard EN492, the affected slates will be replaced at no cost.

Etercem Colourisation

The Etercem colourisation system consists of a highly durable water-based coating and a pigmentation process using colourfast quality pigments.

Colour Guarantee

Etex Ireland Ltd. guarantee the Etercem colourisation system for a period of 10 years. The slates will be affected by weather as described below and will take on a more matt appearance over time. However, when the roof/wall is viewed at a reasonable distance from ground level, the slates will continue to show their generic colour appearance. If Supercem slates fail to give their generic colour appearance within the 10 year period, then an on-site treatment to the affected area(s) will be applied free of charge.

This guarantee does not affect consumers' statutory rights.

Weathering

On exposure the slate surface and/or its coating will be affected by weathering which may vary with site location, aspect, pitch of roof and duration of exposure. Any deterioration in this respect shall not detract from the mechanical and physical characteristics as specified in the standard or from the function of the slate as a durable element.

Under certain climatic conditions, moisture movement in fibre cement slates can cause flexing of the exposed edges. This will not affect their structural integrity or their weatherproof performance. Cedra fibre cement slates are manufactured to EN 492:2012. They are also manufactured under the ISO 9001 Quality Management System.

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Thank you to the home owners who allowed us to photograph their home and the architects who supplied images: McCabes Architects, Haelewyn Architects, Vivian Cummins Architects, Dermot Troy Architect, Ryan W. Kennihan Architects, Quentin Keohane Architect, Adrian Hill Architect, BGA Architects, O'Neill O'Malley Architects.





more at cedral.ie

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March 2021

 **Guaranteed Irish**
All together better

