









## SIG Roofing Introduction

As the largest distributor of natural slate in the world, the SIG Group supports Europe's largest Markets, including the UK, Ireland, France, and Germany.

For over 30 years, SIG Roofing has been the 'go-to' distributor of natural slate from a range, largely sourced directly from the quarries.

Quality is at the forefront of everything we do, so we work closely with our producers to ensure that we supply slate that not only meets your performance criteria, but also meets your aesthetic requirements within budget.

We know from our extensive experience that no two projects are alike, so we ensure that every slate is carefully selected to match your roofing requirements and geographical area.

## Introduction to CUPA Natural Slate

As the largest supplier of Natural Slate in the world, CUPA Pizaras have built an enviable reputation for quality and consistency.

Since 2021 SIG Roofing are the distributors and partners to CUPA in the Irish market. CUPA have sought to bring simplicity to the market through the clarity, consistency and efficiency of their products and services. CUPA have been able to build long-lasting relationships with their customers thanks to the transparency they offer through test certificates for contractors, self-builders and architects.

CUPA Pizaras carefully manages every single step of the journey, from the quarry to the roof. This monitoring and careful selection ensures that your slate roof is not only aesthetically beautiful and strong, but that you also have consistency and traceability that's second to none.

CUPA Slate stands for quality. The way CUPA ensure Natural Slate quality is through an in-depth knowledge of their quarries. 1 out of every 2 pieces of slate installed in the world comes from CUPA PIZARRAS, with more than 100 years of history, are now the world leader in the production and distribution of natural slate.

By choosing SIG Roofing and CUPA, you're choosing to work with people who have immense pride in, and in-depth knowledge of Natural Slate for roofing.

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### Warranty Overview:

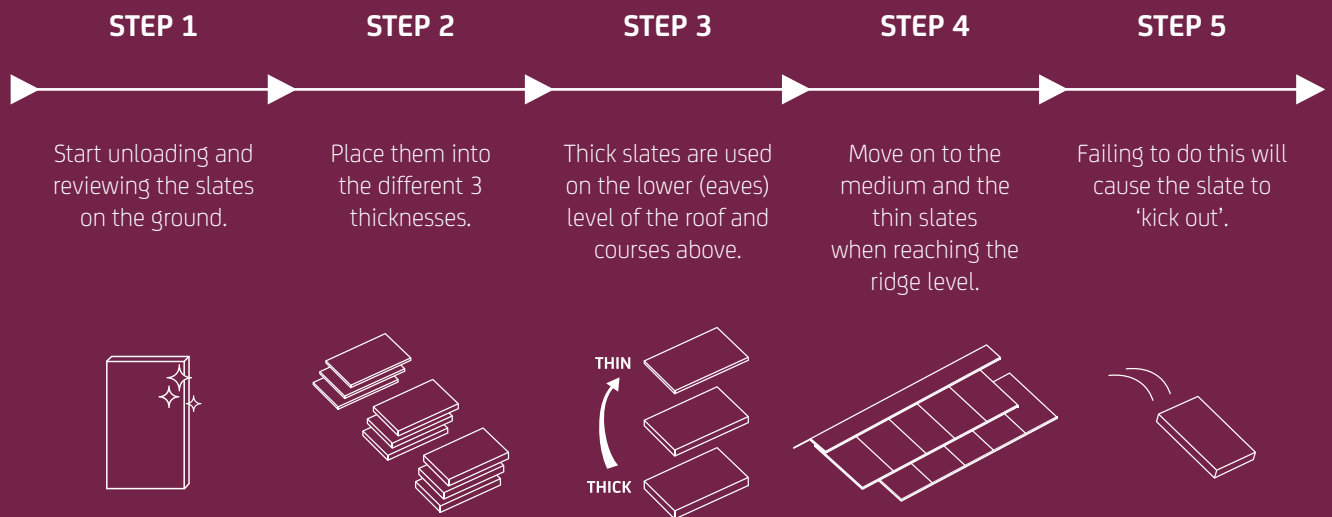
CUPA Natural Slates have been carefully selected by experienced specialists to satisfy their customer's roofing requirements. Because of the traceability that CUPA rigorously enforce, CUPA Pizaras can provide a product replacement warranty directly to the end-user; giving the peace of mind you would expect with the leading slate manufacturer. The warranty is in addition to, and does not affect, your statutory rights. Full terms and conditions of the warranty are available on request.

Please remember to keep the pallet IDs.

We recommend you take a quick snap or peel them before starting the process as you can now request a Guarantee Certificate through the new online Tool: <https://www.cupapizaras.com/uk/resource-centre/faqs/guarantee-certificate/>

# CUPA PIZARRAS

## Sorting and grading natural slate step by step



### R Selection

#### Nominal thickness: 3.5 – 5mm

Our **R** selection of natural slate roofing is the result of an extraordinarily rigorous classification process that is only passed by slates of great flatness and very regular thickness.

Our CUPA R slates are considered to be the best natural slates produced in the world by thousands of architects, installers and individuals and are used in projects where a homogeneous result is sought for a perfect roof.

### H Selection

#### Nominal thickness: 3.5 – 5mm

The **H** natural slate roofing selection features high quality, permitting slight variations in slate thickness and flatness.

The technical characteristics of the slates – their strength and durability – are the same as in the R selection, as they are produced from the same natural slate blocks. These slates are chosen by experienced installers who are able to adapt the product to the roof and guarantee a homogeneous result.

### Natural Selection

#### Nominal thickness: 3.5 – 5mm

The **NATURAL** slate roofing selection is made up of slates that allow greater variations in thickness and flatness. The technical characteristics of the slates are the same as in the superior selections, as they are produced from the same natural slate blocks.

The **NATURAL** selection competes on cost with artificial products, but keeps the long life expectancy and low environmental impact that characterises natural slate.

### HEAVY Selection

#### Nominal thickness: 7 – 9mm

Our **HEAVY** natural slate roofing selection is made up exclusively of thick slates, of over 7 millimetres, characterised by their exceptional durability in any circumstance or climatic conditions.

While they come from the same blocks, unlike the other selections, the **HEAVY** selection is produced looking for greater thickness and more texture in the natural slate. The result is a slate with a crafted appearance and unmatched strength that gives a roof a unique personality.



# CUPA 2



*Non-carbonated slate formed by tectonic compression.  
Dark grey slate with thin laminations and a smooth surface.*



**Colour**  
Grey



**Surface**  
Smooth

Non-carbonated slate formed by tectonic compression.  
Dark grey slate with thin laminations and a smooth surface.

Split to an average thickness of 3.5 mm, 5 mm, 6 mm and 7.5 mm.

Note: As this is a natural product it is possible that there will be a shade variation.

CUPA 2 is sourced from Riodelas mina, Carballeda de Valdeorras (Ourense) Spain. In Ireland, CUPA R2 Excellence slate tends to be used for high specification houses.



Riodelas mina, Carballeda de Valdeorras (Ourense) Spain.



Operating since 1972.



Sizes: 20x20 - 60x45 cm  
Thickness: 3.5 - 5 - 6 mm



## Formats



## Selections



## Technical specifications

| ABSORPTION                    | CARBONATE NON CARBONATED | MOR CHARACTERISTIC    |
|-------------------------------|--------------------------|-----------------------|
| < 0,4% Code : W1 (< 0,6%)     | ≤ 0,2% Fulfil (< 2%)     | Longitudinal ≥ 50 MPA |
| SO <sub>2</sub> EXPOSURE TEST | THERMAL CYCLE TEST       | FREEZE THAW TEST      |
| S1                            | T1                       | Fulfil < 0,6%         |

## International certifications



European Standard: EN 12326  
French Specifications: NF44/03 - N°33235  
Belgian Specifications: ATG/H652  
British Standard: BS 680 Part 2

# HEAVY 3

A ROOF FOR LIFE



*Non-carbonated slate formed by tectonic compression.  
Dark grey slate with thin laminations and a smooth surface.*

CUPA Heavy 3 slate comes from the quarry nº 3 in San Pedro de Trones (Leon) in northern Spain, which has been in operation since 1892 and produces around 25,000 tons every year.

Heavy 3 is a blue black slate with a slightly gritty texture, and in some samples well defined parallel lines are clearly visible on the cleavage surfaces.

It is produced in two thicknesses, 3.5mm and 7-8mm; the thicker variant being the preferred choice in Scotland. The extra thickness and weight give it strength to withstand the high wind speeds and driving rain.

## The real value of Heavy 3 lies in its natural properties:

- ▶ Impermeable to water
- ▶ Weather and UV resistant
- ▶ Not affected by chemicals or pollutants
- ▶ Not damaged by fungi, moss, insects, animals...
- ▶ Strong while weighing substantially less than man-made roofing tiles
- ▶ Non-combustible

## Heavy 3 Natural Slates are available in the following sizes:

- ▶ 30x20cm (12x8")
  - ▶ 35x20cm (14x8")
  - ▶ 40x20cm (16x8")
  - ▶ 40x25cm (16x10")
  - ▶ 50x25cm (20x10")
- Heavy 3 slate is quarried from the CUPA PIZARRAS No3 quarry in San Pedro de Trones (León) in northern Spain. This quarry has been in operation since 1892 and produces around 25,000 tonnes each year.
  - The slate is blue black with a slightly gritty texture, and in some samples well defined parallel lines are clearly visible on the cleavage surfaces.
  - Another obvious feature of the slate is the presence of metallic cubes approximately 2mm in size. Sometimes these cubes are randomly distributed throughout the slate, while in other cases they are concentrated in discrete bedding layers. These cubes are of iron sulphide, known as pyrite.



# CUPA 5



*Non-carbonated slate formed by tectonic compression.  
Dark grey slate with a riven surface.*



**Colour**  
Grey



**Surface**  
Riven

Non-carbonated slate formed by tectonic compression.  
Dark grey slate with a riven surface.

Split to an average thickness of 5 mm, 6.5 mm, 7.5 mm  
and 9 mm

CUPA 5 slate is extracted from the Valcadal Quarry in  
Ourense, northern Spain, and is dark grey with a riven  
texture that brings a unique style to buildings.

With its distinctive colour and riven texture, CUPA R5  
Excellence slate has been covering some remarkable  
roofing projects in Ireland and around the world.



Quarry Valcadal. Puzmazán (Ourense) Spain.



Operating since 1971.



Sizes: 20x20 - 60x45 cm  
Thickness: 5 - 6.5 - 7.5 - 9 mm

## Formats



## Selections



## Technical specifications

| ABSORPTION                    | CARBONATE NON CARBONATED | MOR CHARACTERISTIC                       |
|-------------------------------|--------------------------|------------------------------------------|
| 0,16% Code : W1 (< 0,4%)      | 0,23% Complies (< 1,5%)  | Longitudinal 57 MPA<br>Transverse 56 MPA |
| SO <sub>2</sub> EXPOSURE TEST | THERMAL CYCLE TEST       | FREEZE THAW TEST                         |
| S1                            | T1                       | Fulfil < 0,6%                            |

## International certifications



European Standard: EN 12326  
French Specifications: NF02/03 - N°5275  
Belgian Specifications: ATG/H848  
British Standard: BS 680 Part 2



# CUPA 12



*Non-carbonated slate formed by tectonic compression.  
Grey slate with a smooth matt surface.*



**Colour**  
Grey



**Surface**  
Smooth

Non-carbonated slate formed by tectonic compression. Grey slate with a smooth matt surface. Split to an average thickness of 3,5 mm, 5 mm and 6 mm.

Note: As this is a natural product it is possible that there will be a shade variation.

CUPA 12 has the approved status from the **Snowdonia National Park**.



Quarry La Campa. Folgoso del Caurel (Lugo) Spain.



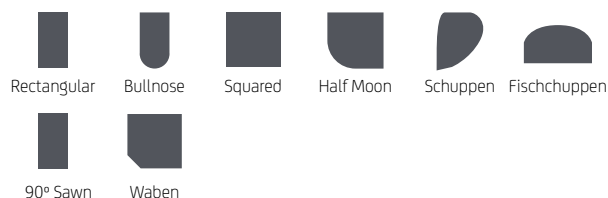
Operating since 1972.



Sizes: 20x20 - 60x45 cm  
Thickness: 3,5 - 5 - 6 mm



## Formats



## Selections

R Excellence

## Technical specifications

| ABSORPTION                    | CARBONATE NON CARBONATED | MOR CHARACTERISTIC                       |
|-------------------------------|--------------------------|------------------------------------------|
| 0,16% Code : W1 (< 0,4%)      | 0,23% Complies (< 1,5%)  | Longitudinal 57 MPA<br>Transverse 56 MPA |
| SO <sub>2</sub> EXPOSURE TEST | THERMAL CYCLE TEST       | FREEZE THAW TEST                         |
| S1                            | T1                       | Fulfil < 0,6%                            |

## International certifications



European Standard: EN 12326  
French Specifications: NF 02/09 N° 17704  
Bre Specification: BREG EN EPD000232



# CUPA 50



*Non-carbonated slate formed by tectonic compression.  
Deep grey slate with thin laminations  
and very uniform smooth surface.*

The latest addition to CUPA's wide range of natural slates is now on the market for you to buy. UK customers can now purchase the new **CUPA 50, a deep grey slate** coming from **Northern Spain** with all the benefits that buying the world leader in slate offers.

CUPA 50 natural slate comes from the acquisition of a new quarry located in Northern Spain, where the geological process has created the best natural slates in the world. The reputation of all our quarries in the area is endorsed by the test of time.

The deep grey colour of our CUPA 50, its **thin laminations** and **a uniform smooth surface** are characteristics greatly appreciated in the market. Furthermore, this new slate will be produced in **large sizes** such as 50x25cm, 50x30cm and 60x30cm.



San Vicente Quarry, Villamartín de Valdeorras (Ourense) Spain.



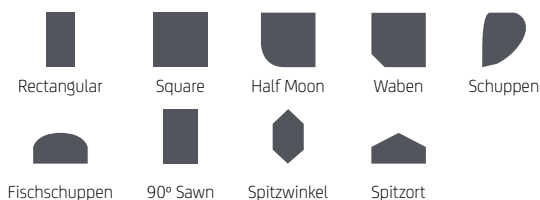
Operating since 1999.



Sizes: 20x20 - 60x45  
Thickness: 3,7-5-6,5-7,5 mm



## Formats



## Selections



## Technical specifications

| ABSORPTION                    | CARBONATE NON CARBONATED | MOR CHARACTERISTIC                        |
|-------------------------------|--------------------------|-------------------------------------------|
| 0,13% Code : W1 (< 0,6%)      | 0,50%<br>Complies (< 2%) | Longitudinal 68 MPA<br>Transversal 64 MPA |
| SO <sub>2</sub> EXPOSURE TEST | THERMAL CYCLE TEST       | FREEZE THAW TEST                          |
| S1                            | T1                       | Fulfil < 0,6%                             |

## International certifications



## Nova Brazilian Natural Slate

Nova Graphite and Nova Green slates are unique in that they contain no iron or quartz, making them durable, cost-effective, and attractive in appearance. Both options have a smooth surface texture and are split to an approximate thickness of 6–8mm Heavy Selection. Their uniform thickness means minimal grading is required; however, additional care is needed when cutting on site. To avoid excessive breakage, a disc machine should be used.

Brazilian slates should always be fixed using stainless steel hooks and appropriate nails.

### Stocks

Nova Graphite and Nova Green are available from SIG Roofing Centres in sizes 60x30 and 50x25. Nova Graphite 60x30 slates are available in 5-7mm and the heavier 7-9mm.

### Guarantee

Both Nova Graphite and Nova Green are certified A1, S1, T1 and conform to EN12326-1:2004. They are expected to exceed the life of the building. A formal manufacturer-backed 30-50 year guarantee is provided when installed in accordance with ICP2-2002, BS5534:2014, and national building regulations.





## Vermont Unfading Purple

Inhabitants of northern Wales are believed to have been the first to take advantage of slate's natural cleavage for the production of roofing slate around 1300 a.d. Over several centuries the Welsh developed a proud tradition of slate production, one that continues to this day.

In the mid 1800's Welsh immigrants brought their slate working experience to the north-eastern U.S. starting what was to become a major industry in the area.

Vermont Unfading Purple slates are the colour heather and generally 7mm thick, riven texture surface and fixed in accordance with S.R.82 – 2017, (with reference to BS 5534) and BS 8000 part 6.

### Key advantages of Vermont Unfading Purple

- ▶ **Economical**  
Vermont Unfading Purple slate is available at a very competitive rate compared to Welsh slate.
- ▶ **EU Certification**  
Vermont Unfading Purple conforms to the highest standards within the BSEN 12326 achieving A1,S1,T1 classification.
- ▶ **Guarantee**  
Vermont Unfading Purple is supplied with a written guarantee for a period of 100 years.
- ▶ **Format**  
Vermont Unfading Purple is available in the size 508x305mm
- ▶ **Coverage**  
Slate coverage per m<sup>2</sup> 508x305mm.







**BMI** Redland

## Rosemary Classic Clay Tile

The Rosemary name is synonymous with clay plain tiles, adding distinction and character to pitched roofs for over 180 years. Today, a range of single and cross-camber tiles combine the quality of hand-crafted clay with the reliability of modern machine-made techniques.

Produced from the finest Etruria Marl clay, Rosemary is offered in a range of weathered, brindled, and single colours that create striking and attractive roofs.

### We offer:

- ▶ Red
- ▶ Light Mixed Brindle
- ▶ Medium Mixed Brindle
- ▶ Blue Brindle
- ▶ Burnt Red
- ▶ Dark Antique
- ▶ Heather Brindle
- ▶ Russet Mix



## Cambrian Slate

Cambrian Slates embody the beauty and character of natural slate. Made in Wales from over 60% recycled Welsh slate, Cambrian tops the range in both looks and performance and has a proven track record even on pitches as low as 15°. Whilst light in weight, Cambrian's unique three-point fixing makes it suitable for even the most exposed sites.

Three distinctive colours are available, and one pre-weathered option exists, each of which stunningly echoes the variation found in natural slate - Slate Grey, Slate Grey Pre-Weathered, Heather or Langdale Green.

CAN BE USED ON  
PITCHES AS LOW AS

15°

## Planum Clay Tiles

Specially designed for low pitch roofs down to 10°

Double interlocking flat clay roof tile for perfect waterproofing.  
Large format. Quick and easy installation.  
Slate aesthetic and with great curb appeal.

The clay tiles combine technique, aesthetic natural looking performance and functionality to any new roof. Its graceful and visually appealing dimensions, together with the wide variety of colours and finishes available means that this clay roof tile is the architect's best friend. Manufacturers offer a 100-year materials-only warranty.

### Lower absorption and higher frost resistance:

- ▶ Water absorption on Klinker H-Cassette tiles is lower than 5%

### Interlocking

- ▶ 45mm interlocking &gt; Large drainage rib.
- ▶ Better watertightness

### Nail hole

- ▶ Pre-hole (easy to be nailed)
- ▶ Less tile breakages when nailing

### Hook attachment

- ▶ Sawtooth
- ▶ Easy hook fixing





## Planum Blackstone Clay Tile



## Integrated PV Tile



## Truline Dry Ridge / Hip System



**Truline Q145 -**  
suitable for 90° pitch



**Truline Q141 -**  
suitable for 105°-120° pitch



**Truline Q120 -**  
suitable for 120-135° pitch



**Truline Q147 Gable End -**  
to suit Q145



**Truline Q142 Gable End -**  
to suit Q141



**Truline Q122 Hip Starter -**  
to suit Q120

## Capco Fibre Cement Slates



### Smooth Square Edge Black

Capco Smooth Square Edge slates have a smooth surface with square edges, available in both blue-black and premium black colours. Specifically manufactured with the Irish market in mind, our Smooth Square Edge slates provide all the quality aspects and relevant guarantees that one expects from a leading manufacturer. Conforming to the strongest class, class B in accordance with the European Norm EN 492.

Smooth Square Edge slates come with a 10-year colour guarantee.

### Smooth Blue / Black

Capco Smooth Square Edge slates have a smooth surface with square edges, available in both blue-black and premium black colours. Specifically manufactured with the Irish market in mind, our Smooth Square Edge slates provide all the quality aspects and relevant guarantees that one expects from a leading manufacturer. Conforming to the strongest class, class B in accordance with the European Norm EN 492.

Smooth Square Edge slates come with a 10-year colour guarantee.







### Smooth PLUS

Capco Smooth Square Edge PLUS slates have a smooth surface with square edges, available in an attractive blue-black colour. Smooth Square Edge PLUS slates conform to the strongest class, class B, in accordance with the European Norm EN 492. Manufactured using the latest painting technology, our slates have a multi-layer acrylic-based coating that counteracts the growth of moss. This finish is unsurpassed for quality and aesthetics.

Smooth Square Edge PLUS slates come with a 20-year colour guarantee.



### Textured Riven Edge

Capco Textured Riven Edge slates have a textured surface with dressed edges to recreate the appearance of traditional natural slate. This traditional looking slate is available in blue-black colour or Welsh blue colours and has a multi-layer acrylic-based coating on both the edges and the surface to counteract the growth of moss. Textured Riven Edge slates achieve the highest class, class B in accordance with EN 492.

Supported by a 20-year colour guarantee



## CUPA READYSLATE®

**The first pre-assembled natural slate roofing system, developed and patented by CUPA GROUP, world leaders in slate production.**

The 4-step installation doesn't require a skilled trade or specialised machinery. READYSLATE® modular design ensures complete waterproofing and seamless integration with any existing roof elements.

### Light Weight

READYSLATE® modules are lightweight and flexible without losing strength and resistance. It is designed to comply with any building or roofing legal weight requirements.

### Easy To Install

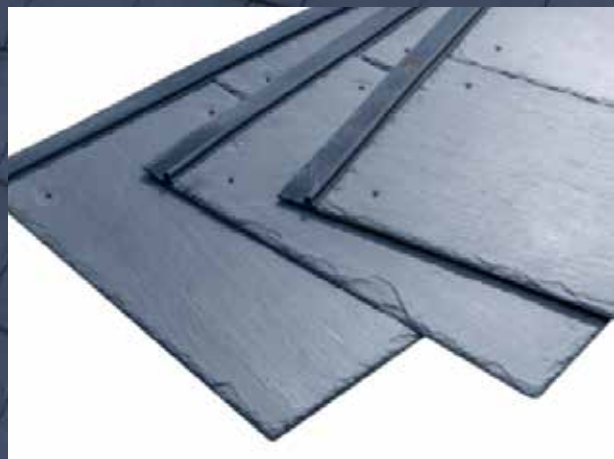
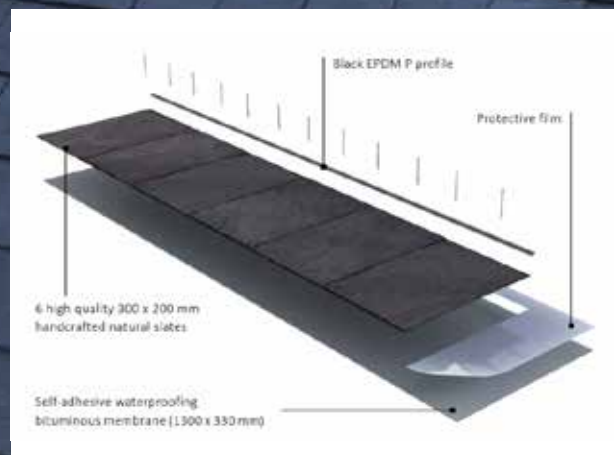
READYSLATE® modules can be installed without hiring a professional tradesperson. Unlike other materials, there is no need for specialised labour.

### Quality

READYSLATE® modules are mainly made of natural slate, the most resistant material used for roofing, with a lifespan that lasts hundreds of years.

### Increases Home Value

READYSLATE® modules provide considerable added value to any property. A good roof is an investment as it increases your home's value.



# Flat Roofing

## Technical Solutions with SIG Roofing

- ▶ Free itemised estimates for all flat & pitched roofing materials and accessories.
- ▶ Expert advice to match the right products to your project.
- ▶ Simply send your drawings to [tech@sig.ie](mailto:tech@sig.ie) and our team will prepare a tailored breakdown for you.



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## The Roof Trim System

Roof Trim is a fast-fit, high-quality PVC-u edge trim system designed around a high quality finish and the durability to offer an extra-long life. The trim is available in either black or white and comes complete with a PVC-u back plate that removes the need for a standard wooden batten.

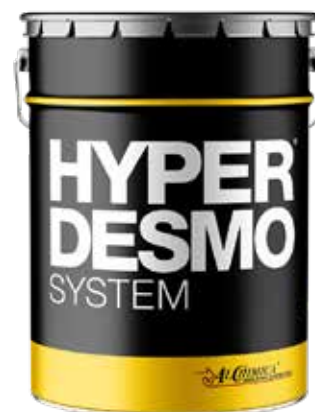
There is also a thinner back plate included which can be used to mount directly when a standard wooden batten is already in place.



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## Hyperdesmo Liquid Roofing Membrane

Liquid Roofing is a cold-applied, single component modified Polyurethane, resulting in a seamless, liquid waterproofing membrane that is totally non-hazardous. Liquid Roofing is a firm favourite for Roofers, as it can be applied to almost any roof substrate and is ideal for roofs with complex detail and upstands. It is fully reinforced with a polyester membrane and cures naturally through contact with moisture in the air, creating a waterproofing system suitable for use on both new and remedial projects.







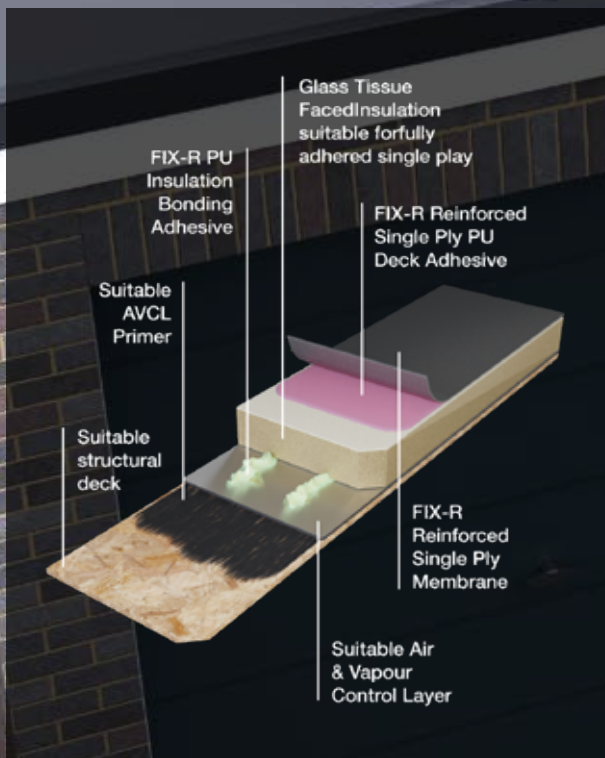
## The Smart Choice for Flat Roofing: Why SIG is Your One-Stop Shop for FIX-R EPDM

Flat roofing projects can be complex, especially when sourcing materials from multiple suppliers. SIG makes it simple by providing everything you need for a complete FIX-R EPDM flat roofing system, backed by expert support.

At the core is the durable FIX-R EPDM membrane, supplied with all the tapes, adhesives, and flashing details for a seamless finish. SIG also offers AVCL layers to control condensation, PIR insulation to meet U-value regulations, plywood decking, fixings and adhesives, plus VELUX roof windows and domes. With every component designed to work together, you save time and avoid on-site compatibility issues.

SIG goes beyond supply with free technical services, including estimates from drawings and U-value calculations, ensuring you order accurately and stay compliant with regulations. This expert support helps reduce waste, cut costs, and deliver confidence on every project.

By choosing SIG, you're partnering with a trusted name in the industry, sourcing high-quality products from one reliable supplier. It's the smart way to achieve efficiency, reliability, and long-term performance in flat roofing.



# EPDM Product Range



**FIX-R EPDM  
Membranes**



**FIX-R Roof Deck  
Adhesive (WBA)**



**FIX-R Bonding  
Adhesive**



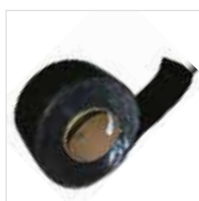
**FIX-R EPDM  
Primer**



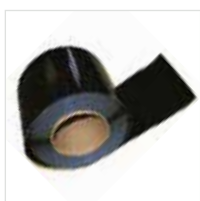
**FIX-R Seam  
Fastening Plates**



**FIX-R 76mm  
Pressure Sensitive  
(P.S.) Secure Tape**



**FIX-R 152mm  
Pressure Sensitive  
(P.S.) Cover Strip**



**FIX-R 228mm  
or 304mm  
Pressure Sensitive  
(P.S.) Uncured  
Flashing Tape**



**FIX-R Pressure  
Sensitive (P.S.)  
Pipe Seals**



**FIX-R Pressure  
Sensitive (P.S.)  
RUSS Strip**



**FIX-R 75-175mm Plastisol Steel Edge  
Trim & Termination Bars**



**FIX-R RB Trim  
Fasteners**



**FIX-R PVC  
Perimeter Trim**



**FIX-R Check  
Kerb Trim**



**FIX-R Gutter Trim – Built-in-Batten  
or Standard Back Plate**



**FIX-R Water  
Cut-Off Mastic**



**FIX-R Lap Sealant**



**FIX-R Roof Outlets**



**FIX-R Corners and Joiners**

# Roofing Accessories



## Accessories



### **Fibre Cement Ridge**

Black or Graphite Angles 75, 90, 105, 120, 135



### **Clay Plain Angle Ridge**

Black, Buff or Red Angles 75, 90, 105, 115, 125, 135



### **Clay Capped Angle Ridge**

Black, Buff or Red Angles 75, 90, 105, 115, 125, 135



### **Imerys Ogee Interlocking Ridge**

Universal Angle & Dry Fixed, Red or Black



### **Imerys Ogee Spigotted Foot End Ridge**

Universal Angle & Dry Fixed, Red or Black



### **Imerys Ogee Socket End Cap**

Universal Angle & Dry Fixed, Red or Black



### **Imerys Gothic Hip**

Universal Angle & Dry Fixed, Red or Black



### **Imerys Gothic Foot**

Universal Angle & Dry Fixed, Red or Black



### **Concrete Plain Angle Ridge**

Black, Graphite or Red Angles 75, 90, 105, 120, 135



### **Large slate Vent**



### **Uni-line Slate Vent**

Black, Grey



### **15K/20K Universal Tile Vent**

Various colours





## Accessories



**Dura Universal Clay Ridge 410mm**  
Black, Red



**Dura Gable Ridge End**



**Dura Hip Starter**



**Dura 135° Hip Tile 410mm**



**SIG Copper Ridge Roll 6m Roll**



**Dura Capped Dry Fix Ridge 410mm**



**Klobber Small Slate Vent**  
Black



**NOVA Graphite Ridge**  
90°, 105°, 115° & 125°



**Retro-Fit Tile Dry Verge**



**Underlay Support Tray 1.5m**



**Valley Trough 3.0m**



**Perforated Valley Trim 3m**

# Roofing Accessories



## Fixings



**Copper Crampions**



**Clay Roll Top Ridge 75° - 135°**  
Black, Red, Buff



**Ridge Drive Nails**



**Tex Screws**  
160mm / 130mm



**Copper Nails**  
30, 35, 38, 40, 50mm



**10/25mm Over Fascia Vent 1m**



**110mm Point Hook**



**Roll Out Rafter Tray 300mm x 6m**



**Slaters Tubs**  
(2000 Nails & 1000 Crampions)

## Slate Trims



**No.1 Slate Trim, 3mtr,**  
Black or Graphite



**No. 2 Slate Trim, 3mtr,**  
Black or Graphite



**No 2 Tile Trim 55mm Open x 3.0m**



# Roofing Membranes

**PERMAVENT**  
INNOVATIVE ROOFING PRODUCTS



## Tyvek Supro

- ▶ Extremely water-resistant W1 level
- ▶ Vapour-permeable
- ▶ Full BBA and IAB approval
- ▶ Can be left exposed for up to 4 months



## Permavent Red

- ▶ Ultra strong breather membrane
- ▶ 160 g/m<sup>2</sup>
- ▶ Fully BBA Certified
- ▶ UV stable for 3 months



## Permavent Graphite

- ▶ Highly durable
- ▶ 130 g/m<sup>2</sup>
- ▶ Fully BBA Certified
- ▶ UV stable for 3 months



## Permavent Apex

- ▶ Air open and vapour permeable membrane
- ▶ 180 g/m<sup>2</sup>
- ▶ Integrated tape (25% less membrane usage)
- ▶ Use without ventilation
- ▶ BBA certified
- ▶ UV stable for 3 months



## Permavent Dry+

- ▶ High-performance vapour permeable membrane
- ▶ 220 g/m<sup>2</sup>
- ▶ Tested and certified UV stable for 3 months
- ▶ Usable in all Wind Zones (taped and battened lap)
- ▶ Forms part of the Easy Roof System to qualify for the 40 Year Easy Roof Guarantee
- ▶ Specially designed for low pitch applications



## Easy Slate / Tile

- ▶ Low pitch system for slates and plain tiles
- ▶ Pitch as low as 12° with natural slate and 10° with fibre cement slates
- ▶ Can be installed with the vast majority of slates
- ▶ 40-year product guarantee





# CORDION

## Corrugated Metal Panels

### Description

CORDION is a range of corrugated metal roofing designed for Irish homes, and Irish weather conditions.

When it comes to roofing for your home, you want the perfect balance between form and function. CORDION gives you the ultimate flexibility to design and build your dream home. From traditional to contemporary; in rural, coastal or urban settings, you can be as low-key or impactful as you want. CORDION is beautiful and easy to live with, and with today's modern installation and insulation methods – noise, typical of other systems is not an issue.

### Features and Benefits

- ▶ Available in steel and aluminium for inland and coastal use
- ▶ Durable coating technology for extended lifespan
- ▶ Traditional corrugated profile
- ▶ Quick and easy installation for reduced labour costs
- ▶ Made to order for maximum flexibility and minimal waste

### Colours that last

- ▶ Plastisol-free, with environmentally friendly coatings for a more sustainable and premium finish
- ▶ Slightly textured for improved scratch resistance
- ▶ Durable, optimised for wear resistance, weather resistance and low resource consumption
- ▶ Excellent gloss retention and colour fastness
- ▶ Matt and standard finishes
- ▶ Full range of accessories – trim and flashings – standard and bespoke
- ▶ Complementary rainwater management system
- ▶ 100% recyclable
- ▶ Solar panel compatible
- ▶ Chromate free





# SCANDION

## Standing Seam Roof Panel

### Description

Seam roof profile with improved joint and water trap.

The inspiration for SRP Click is taken from the traditional standing seam roof. You simply click the profiles together with no need for special tools. You soon have an elegant, timeless roof, reminiscent of solid craftsmanship.

Choose from several classic and modern colours. No matter what building you put the seam profiles on, you get a beautiful, durable and easy-care roof that looks attractive for many years to come.

Minimum recommended roof pitch 14 degrees.  
Widths available 495mm and 285mm, manufactured up to 8m long.

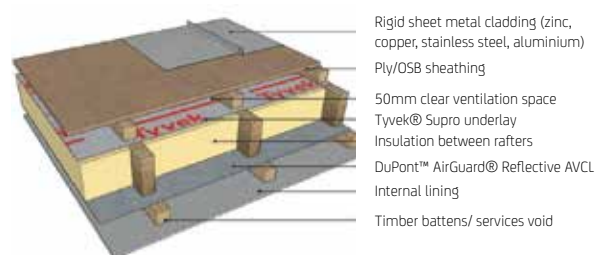
### Features and Benefits

- ▶ Flat, elegant and strong
- ▶ Suitable for both older and newer houses
- ▶ Easy to install
- ▶ Comes with all the accessories you need
- ▶ 40-year corrosion warranty
- ▶ 20-year colour warranty

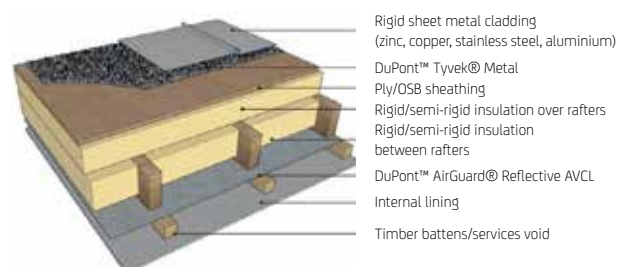
### Strong coatings in several different colours

Scandion SRP is available in several different colours in the market's most tried and tested coating system. HB Polyester is a durable coating that has high colour resistance, good corrosion protection and resists scratches well. The coating system is ideal for harsh environments.

### Cold Metal Roof system with Tyvek® Supro



### Warm Metal Roof system with Tyvek® Metal







## VELUX® Flat Roof Windows

Bring natural daylight, ventilation, and sky views into flat or low-pitch spaces with VELUX flat roof windows — perfect for modern extensions, kitchens, bathrooms, and hallways.

### Why choose VELUX flat roof windows?

- ▶ Glass-to-edge design for a sleek, contemporary look inside and out
- ▶ High performance construction with slim frames and invisible sash
- ▶ Fixed or vented options (solar/electric versions include rain sensor for peace of mind)
- ▶ Energy-efficient kerb with timber core for stability
- ▶ Integrated blinds discreetly positioned between the panes

VELUX flat roof solutions are tested for durability, provide bright even light, and add a refined finish to any home.



### VELUX Low Pitch roof window

Low pitch, high quality.

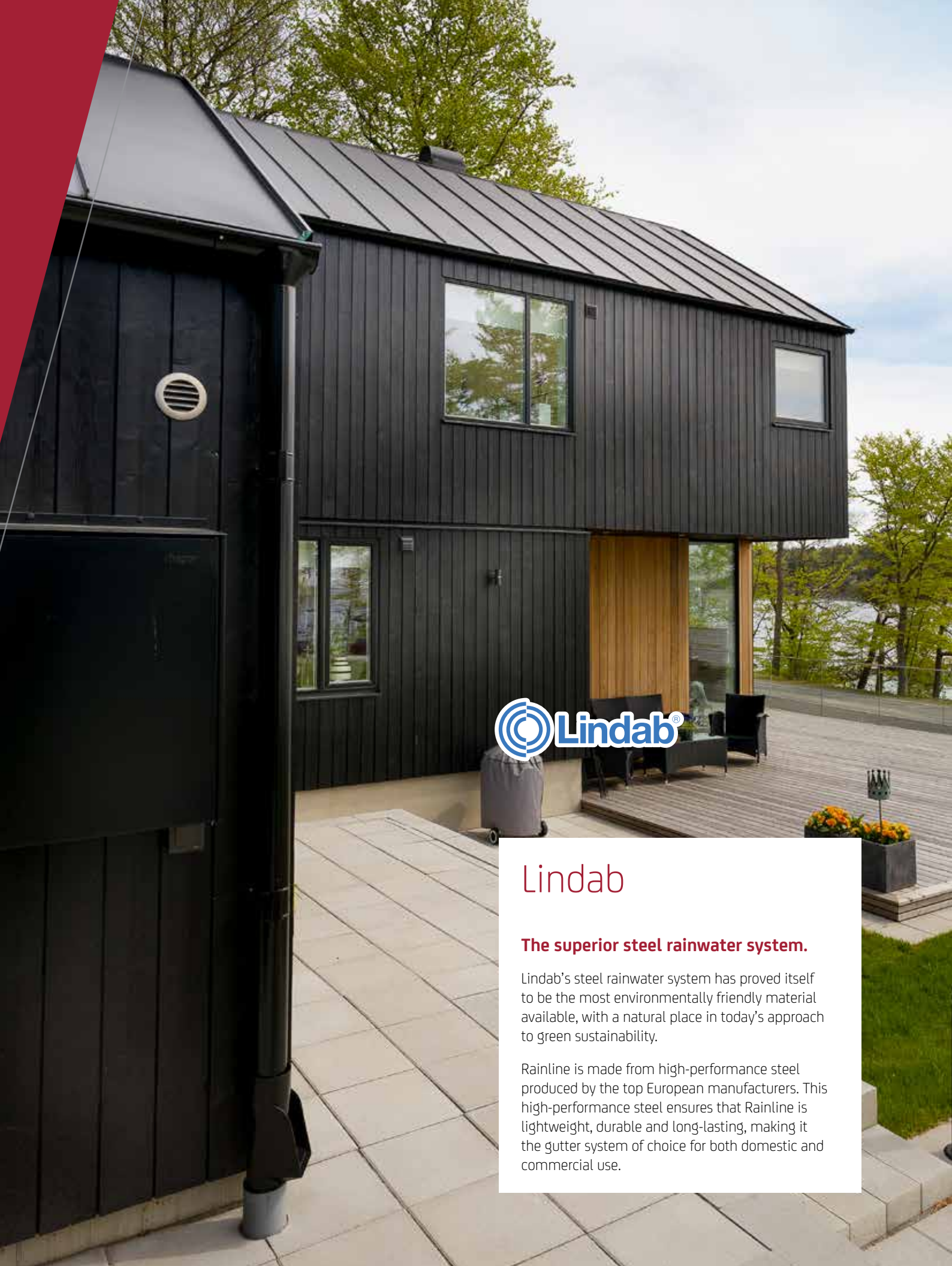
Perfect for bringing daylight and fresh air into single-storey extensions, the brand new Low Pitch roof window is the best solution for roofs with a pitch between 10°-20°.

The product is designed to be totally watertight at a low pitch and features glass-to-edge technology which provides a seamless and aesthetically pleasing installation.

- ▶ Tested in northern Europe's largest wind tunnel for wind and water resistance
- ▶ Fast and simple installation
- ▶ Suitable for profiled tiles from 15mm up to 120mm which are approved for roof pitches from 10°-20°

The Low Pitch roof window (code: GBL) is available in 7 sizes, in manual operation with a white painted finish.





## Lindab

### **The superior steel rainwater system.**

Lindab's steel rainwater system has proved itself to be the most environmentally friendly material available, with a natural place in today's approach to green sustainability.

Rainline is made from high-performance steel produced by the top European manufacturers. This high-performance steel ensures that Rainline is lightweight, durable and long-lasting, making it the gutter system of choice for both domestic and commercial use.









## MINIMUM HEADLAP FOR FIXING SLATES WITH NAILS OR HOOKS

### Sheltered/Moderate exposure (less than 56.5l/m<sup>2</sup>)

| Size (mm) | Rafter Pitch |       |     |       |     |     |     |            |     |  |
|-----------|--------------|-------|-----|-------|-----|-----|-----|------------|-----|--|
|           | 20°          | 22.5° | 25° | 27.5° | 30° | 35° | 40° | 45° to 75° | 85° |  |
| 600x300   | -            | -     | 95  | 85    | 80  | 70  | 60  | 55         | 50  |  |
| 500x300   | 115          | 105   | 95  | 85    | 80  | 70  | 60  | 55         | 50  |  |
| 500x250   | -            | -     | 95  | 85    | 80  | 70  | 60  | 55         | 50  |  |
| 450x250   | -            | -     | -   | -     | 80  | 70  | 60  | 55         | 50  |  |
| 400x250   | -            | -     | -   | -     | 80  | 70  | 60  | 55         | 50  |  |
| 400x200   | -            | -     | -   | -     | 80  | 70  | 60  | 55         | 50  |  |
| 350x250   | -            | -     | -   | -     | 80  | 70  | 60  | 55         | 50  |  |
| 350x200   | -            | -     | -   | -     | 80  | 70  | 60  | 55         | 50  |  |
| 300x200   | -            | -     | -   | -     | 80  | 70  | 60  | 55         | 50  |  |

Please note that hook fixings should not be used on any pitch below 25°.

### Severe/Very severe (56.5l/m<sup>2</sup> or greater spell)

| Size (mm) | Rafter Pitch |       |     |       |     |     |     |            |     |  |
|-----------|--------------|-------|-----|-------|-----|-----|-----|------------|-----|--|
|           | 20°          | 22.5° | 25° | 27.5° | 30° | 35° | 40° | 45° to 75° | 85° |  |
| 600x300   | -            | -     | 120 | 110   | 100 | 85  | 80  | 70         | 65  |  |
| 500x300   | -            | 130   | 120 | 110   | 100 | 85  | 80  | 70         | 65  |  |
| 500x250   | -            | -     | -   | 110   | 100 | 85  | 80  | 70         | 65  |  |
| 450x250   | -            | -     | -   | -     | 100 | 85  | 80  | 70         | 65  |  |
| 400x250   | -            | -     | -   | -     | 100 | 85  | 80  | 70         | 65  |  |
| 400x200   | -            | -     | -   | -     | 100 | 85  | 80  | 70         | 65  |  |
| 350x250   | -            | -     | -   | -     | 100 | 85  | 80  | 70         | 65  |  |
| 350x200   | -            | -     | -   | -     | 100 | 85  | 80  | 70         | 65  |  |
| 300x200   | -            | -     | -   | -     | 100 | 85  | 80  | 70         | 65  |  |

Please note that hook fixings should not be used on any pitch below 25°.

## PITCH OF ROOF

When considering the minimum pitch for a slated roof it is necessary to establish the exposure of the site, the length of rafter and the height of the building. The recommendations shown above are based on a maximum height to eave of 12m and a maximum rafter length of 9m in moderate exposure and 6m in severe exposure.

## RIAI APPROVED SEMINARS

CUPA PIZARRAS provide architects and designers free CPD seminars on slate roofing, flooring and cladding. If you would like to find out more please contact +353 1 623 4541.



## SLATE COVERAGE

This table explains the required measurements for effective coverage.

| Slate Coverage |        |      |      |      |      |      |      |      |      |      |      |      |
|----------------|--------|------|------|------|------|------|------|------|------|------|------|------|
| Slate Size     | Lap mm |      |      |      |      |      |      |      |      |      |      |      |
|                | 50     | 65   | 75   | 80   | 90   | 100  | 110  | 115  | 120  | 130  | 140  | 150  |
| 600 x 300      | 12.1   | 12.5 | 12.7 | 12.8 | 13.1 | 13.3 | 13.6 | 13.7 | 13.9 | 14.2 | 14.5 | 14.8 |
| 500 x 300      | 14.8   | 15.3 | 15.7 | 15.9 | 16.3 | 16.7 | 17.1 | 17.3 | 17.5 | 18.0 | 18.5 | 19.0 |
| 500 x 250      | 17.8   | 18.4 | 18.8 | 19.0 | 19.5 | 20.0 | 20.5 | 20.8 | 21.0 | 21.6 | 22.2 |      |
| 450 x 300      | 16.7   | 17.3 | 17.8 | 18.0 | 18.5 | 19.0 | 19.6 | 19.9 | 20.2 | 20.8 | 21.5 |      |
| 450 x 250      | 20.2   | 20.8 | 21.3 | 21.6 | 22.2 | 22.9 | 23.5 | 23.9 | 24.2 | 25.0 | 25.8 |      |
| 450 x 230      | 21.7   | 22.6 | 23.2 | 23.5 | 24.2 | 24.8 | 25.6 | 26.0 | 26.3 | 27.2 | 28.1 |      |
| 400 x 300      | 19.0   | 19.9 | 20.5 | 20.8 | 21.5 | 22.2 | 23.0 | 23.4 | 23.8 |      |      |      |
| 400 x 250      | 22.9   | 23.9 | 24.6 | 25.0 | 25.8 | 26.7 | 27.6 | 28.1 | 28.6 |      |      |      |
| 400 x 200      | 28.6   | 29.9 | 30.8 | 31.3 | 32.3 | 33.3 | 34.5 | 35.1 | 35.7 |      |      |      |
| 350 x 300      | 22.2   | 23.4 | 24.2 | 24.7 | 25.6 | 26.7 | 27.8 |      |      |      |      |      |
| 350 x 250      | 26.7   | 28.1 | 29.1 | 29.6 | 30.8 | 32.0 | 33.3 |      |      |      |      |      |
| 350 x 200      | 33.3   | 35.1 | 36.4 | 37.0 | 38.5 | 40.0 | 41.7 |      |      |      |      |      |
| 320 x 220      | 33.7   | 35.7 | 37.1 | 37.9 | 39.5 | 41.3 | 43.3 |      |      |      |      |      |
| 320 x 180      | 41.2   | 43.6 | 45.4 | 46.3 | 48.3 | 50.5 | 53.0 |      |      |      |      |      |
| 300 x 200      | 40.0   | 42.6 | 44.4 | 45.5 | 47.6 | 50.0 |      |      |      |      |      |      |
| 300 x 150      | 53.3   | 56.7 | 59.3 | 60.6 | 63.5 | 66.7 |      |      |      |      |      |      |

To calculate the weight per square metre, simply multiply the weight per slate given below by the number of slates per square metre for the same slate listed above. For example; 500 x 250mm slate (4–5mm thick) = 1.889 kg x 18.8 (at 75mm lap) = 35.51kg per square metre.

| Weight per slate in Kilogrammes |           |       |
|---------------------------------|-----------|-------|
| Slate Size                      | Thickness |       |
| (Nominal) mm                    | 4–5mm     | 6–7mm |
| 600 x 300                       | 2.495     | 3.899 |
| 500 x 300                       | 2.416     | 3.290 |
| 500 x 250                       | 1.889     | 2.760 |
| 460 x 220                       | 1.266     | 1.848 |
| 400 x 300                       | 1.784     | 2.690 |
| 400 x 200                       | 1.098     | 1.809 |
| 350 x 200                       | 0.910     | 1.675 |
| 300 x 200                       | 0.896     | 1.138 |

The values shown in the Slate Coverage chart above are calculated using nominal sizes and incorporate a 5mm jointing gap. We recommend the addition of at least 5% wastage allowance.

| Hole Gauge Per Slate |           |     |     |     |     |     |     |     |     |     |     |     |  |
|----------------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| Slate Size           | Thickness |     |     |     |     |     |     |     |     |     |     |     |  |
| (Nominal) mm         | 50        | 65  | 75  | 80  | 90  | 100 | 110 | 115 | 120 | 130 | 140 | 150 |  |
| 600                  | 340       | 348 | 353 | 355 | 360 | 365 | 370 | 373 | 375 | 380 | 385 | 390 |  |
| 500                  | 290       | 298 | 303 | 305 | 310 | 315 | 320 | 323 | 325 | 330 | 335 | 340 |  |
| 400                  | 240       | 248 | 253 | 255 | 260 | 265 | 270 | 273 | 275 | 280 |     |     |  |
| 350                  | 215       | 223 | 228 | 230 | 235 | 240 | 245 | 248 |     |     |     |     |  |
| 300                  | 190       | 198 | 203 | 205 | 210 | 215 |     |     |     |     |     |     |  |

\*Measurements should be taken from the tail of the slate.

# Alumasc

Alumasc is one of the UK's leading manufacturers of aluminium and cast iron products for the construction industry. Our expertise in aluminium casting, extrusion and fabrication, as well as iron castings, stems from a proven track record accumulated over 60 years, enabling the provision of unrivalled technical support for designers, specifiers and contractors.

## Traditional Aluminium Heritage System

A stock range of traditional cast aluminium gutter profiles (half round, beaded half round, beaded deep run, victorian ogee and moulded), and traditional extruded aluminium pipework (round, square or rectangular), all in a choice of sizes and supported by a full range of fittings. Can be finished to replicate cast iron, or with BBA certificated powder coatings in a wide range of colours.

## Contemporary Aluminium

### Aqualine Gutter System

An extruded, high-capacity gutter system in five alternative styles. Innovative secret fix bracketry.

### GX Gutter System

A pressed gutter system designed for traditional wet jointing on site. Offered in three profiles (joggle, smooth and moulded).

### AX Gutter System

An extruded aluminium gutter system designed for traditional wet jointing on site. AX gutters are available in 3 profiles and a choice of sizes.

### Flushjoint Downpipe System

A range of extruded round, square and rectangular downpipes with concealed spigots, giving a smooth, clean appearance.

### Swaged Downpipe System

An economical metal downpipe system with circular pipes available in a choice of three diameters.

### Guardian Downpipe System

A range of extruded flush fitting security pipes with concealed brackets and concealed jointing in a choice of profiles.

## Cast Iron Apex Heritage System

A comprehensive, traditional range of four gutter and three downpipe profiles, all in a variety of sizes, together with associated fittings and accessories. The gutters include a choice of half round, beaded half round, victorian ogee and moulded. The downpipes are circular, square or rectangular. The system is available in a range of 8 standard colour options in a high quality two-pack epoxy primer and top coat finish.







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