LIGHTWEIGHT
HIGH QUALITY
LONG LASTING
LOW MAINTENANCE
WEATHER TESTED
ECOLOGICAL
LOW NOISE
ECONOMIC
STRONG

Changing Skylines

THE FUTURE PROOF ROOF
Why settle for the drawbacks of traditional roofing products?

Take your building project to the next level with Metrotile:

THE FUTURE PROOF ROOF

www.metrotile.co.uk
The very best modern materials for the longest lifespan

Metrotile is still the only lightweight steel roofing manufacturer that is able to offer a 40 year Weatherproof Guarantee on all of our profiles. Crafted to the highest standard under meticulous conditions, each Metrotile is pressed from Drawing Quality 3 Steel, the highest steel grade available in our industry. The low carbon level within the steel allows the metal to flow evenly during manufacture, creating a highly durable tile while practically eliminating the risk of fracture.

A Metrotile roof satisfies these requirements and exceeds the expectations of traditional roofing materials

A Metrotile roof generates no more noise than a roof built from traditional materials

Applications and aesthetics

There are four different profile styles in a variety of different colours and finishes. With the many combinations this offers we are sure you will find the ideal roof for your building project. Each profile is designed to reflect the styles of traditional roof products in order to blend into the surrounding environment.

Here's a few facts about Metrotile Lightweight Roofing you should know...

- Metrotiles are up to 7 times lighter than traditional roofing materials
- A Metrotile lightweight roof places significantly less weight and stress on supporting structures and foundations
- Lightweight tiles are more efficient to transport resulting in reduced cost and lower CO2 emissions
- A Metrotile roof generates no more noise than a roof built from traditional materials
- Metrotiles are tested to withstand the most extreme weather conditions
- Metrotiles can be used on pitches as low as 10 degrees
- The special “Dry-Fix” installation method is faster, cheaper and produces less waste than a traditional roofing installation
- Every installation comes with a unique 40 year weatherproof guarantee

BOND
SLATE
ROMAN
SHINGLE
... a few more!

Each tile is pressed from the highest drawing quality steel for unparalleled strength and higher performance than traditional materials

A Metrotile roof needs virtually no maintenance once installed

All Metrotiles meet British and European Standards

Metrotile can organise a complete roofing solution, including approved contractors and materials

Each tile is 100% recyclable

A selection of tiles are available in a double thickness which increases security against vandalism

Metrotiles provide an ideal solution for flat-to-pitch roof conversions

A wide range of roof accessories are available including windows, ventilation systems, photovoltaic panels and finishings

The durability of Metrotiles reduces damage in transit and reduces material wastage

Each Metrotile product is designed and manufactured to the highest possible standard and quality

Experienced customer care is provided at every stage of your project

Impressed?

High weather resistance

Metrotile profiles are tested under duress of the most extreme weather conditions. Our tiles have been fire tested in brushfire prone California, cyclone tested in Japan and are resistant to cyclical freeze-thaw, snow and hailstones.

And if this isn’t enough, a Metrotile roof is resistant to wind lift speeds up to 192km per hour, making it the only choice in areas under constant duress from high winds.

Cost effective

Economical

A Metrotile roof is highly economical for many reasons. Each profile is up to seven times lighter than traditional roof tiles, meaning a Metrotile roof requires significantly less transport than those products, making the delivery of your roof easier on the environment and your pocket. The quick dry fix installation enables you to keep contractor costs to a minimum.

Each of our profiles is manufactured at our plant in Tongeren, Belgium and we are very proud to announce that the plant has achieved Quality Assurance Systems ISO14001 for its manufacturing processes, complimenting the already-achieved ISO9001. When the products leave the plant, we can transport up to eight times more Metrotiles per truck in comparison to traditional roofing products, therefore requiring less transport on the road and significantly reducing our carbon emissions. Once each profile reaches the end of its long-life, it can be fully recycled.

For details about the many environmental benefits of choosing Metrotile see pages 18 and 19.

Vandal proof

Metrotile systems are dry fixed in place via a crossing nail technique. This interlocking fixing process makes a Metrotile roof extremely secure. Each Metrotile profile has the coverage of up to eight traditional tiles making it even harder to remove from the roof and if you require an even higher level of security, there is the option to specify the Metrotile Secure Solution: a selection of our profiles are available in .900mm thickness for extra vandal resistance.

Despite all of this protection, Metrotile still offers high aesthetic standards that are virtually indistinguishable from traditional roofing tile products!

For further details about the Metrotile Secure Solution see page 19.

Low noise

A common misconception is that a Metrotile Roof is noisy when under duress from the wind and rain, but this is simply not the case. The combination of stone and acrylic glaze with a Metrotile underlay is such an effective noise barrier that the soundproofing qualities match those of traditional products, ensuring you a good night’s sleep during those wet winter nights.

Ideal for new build and refurbishment

Metrotile roof solutions are ideal for refurbishment work, enabling swift and economical flat to pitch conversions, allowing pitches to be designed as low as 10°. In some instances, Metrotile has been specified for refurbishment projects as a partial roof replacement, sharing the roof space with traditional materials and blending in effortlessly. An example of this, Gorse Hill School, can be seen on page 24.

Fast installation

From delivery to manual on-site labour, the Metrotile installation process is a swift one. The light weight of the product allows for the delivery of a complete roof in minimal time and transport, while the weight and coverage of each profile allows for a fast and clean dry fix installation, enabling early access for internal trades. The material is also easy to store and move around site, while the high material yield and minimal breakages ensure almost zero waste.

Metrotile Shingle selected for Eco Log House

Metrotile was selected as the ideal roof for Grand Designs’ Log House exhibited at the EdExcel Arena, London. Manufactured from fir trees sourced from sustainable UK forests, the Log House was created with sustainability in mind. Metrotile was specified due to its light weight, unparalleled strength, low whole life costs, use of recycled material and stunning aesthetics.

A WORLD OF DIFFERENCE

Based on a typical 1,000m² roof cover specification, compare the huge differences between Metrotiles and traditional Concrete Tiles

<table>
<thead>
<tr>
<th>METROTILE</th>
<th>CONCRETE</th>
</tr>
</thead>
<tbody>
<tr>
<td>QUANTITY OF TILES REQUIRED</td>
<td>10,000</td>
</tr>
<tr>
<td>OVERALL WEIGHT OF TILES</td>
<td>2,150</td>
</tr>
<tr>
<td>NUMBER OF PALLET'S REQUIRED</td>
<td>6</td>
</tr>
<tr>
<td>ECO' PRODUCED BY RAW MATERIALS (APPROX)</td>
<td>46 TONNES</td>
</tr>
</tbody>
</table>

Impressed?
The Metrotile Bond profiles are designed to be aesthetically indistinguishable from traditional clay pantiles, so they can offer the same great visual appeal, with all of the additional benefits lightweight steel roofing provides. Metrotile Bond is available in six colours and pressed from high grade Aluzinc® coated steel - standard for all of our profiles. In addition to our traditional granulated finish, we can now offer elegant Matt Brown and Gloss Black finishes with a non-toxic powder coating.

When dry-fixed to the roof, Metrotile profiles are overlapped and fixed via a cross nail method that provides excellent vandal resistance, durability, protection and unmatched resistance to wind lift. Each tile is the equivalent of eight conventional roof tiles and may be fixed from vertical right down to a 10° pitch.

Metrotile Bond is now available with two brand new stylish finishes: Matt Brown and Gloss Black. Finished with a durable, non-toxic powder coating, the new profiles combine sharp, stunning aesthetics with the high quality for which Metrotile is renowned and are backed by our 40 year weatherproof guarantee.

### Metrotile Bond 450 / 900 Specifications

**PITCH**
- Minimum pitch: 10°
- Maximum pitch: 90°

**DIMENSIONS**
- Size of tile - overall: 1330 x 370 mm
- Size of tile - cover: 1257 x 370 mm
- Gauge of Steel: .450 mm / .900 mm
- Linear cover width: 1257 mm
- Coverage: 0.44 m² / 2.15 Tiles per m²

**WEIGHT**
- Weight per m² (450/900): 6.2 kg / 9.9 kg
- Weight per tile (450/900): 2.8 kg / 4.6 kg

**FIXING**
- Tile Fixing: 50 mm x 2.8 mm Coated Nail
- Fixings per tile: 4 Nails per Tile

**BATTENS REQUIRED**
- Battens: 5 linear metres per m² (plus wastage)

**BATTEN SIZING**
- Rafter Centres (max):
  - 450 mm: 25 x 50 mm
  - 600 mm: 25 x 50 mm
  - 900 mm: 50 x 50 mm
  - 1200 mm: 50 x 50 mm
  - 1500 mm: 50 x 65 mm

**LAYING (recommended)**
- All roof shapes: Broken Bond

**ACCESSORIES**
- See Page
- Tile Accessories: 32 / 39
- Ventilation: 34 / 37
- Underlay: 32
- Gable Protection: 37
- Installation Equipment: 38

---

**Matt Brown**
1330 mm  (Cover 1257 mm )
370 mm  (Cover 420 mm )

**Gloss Black**
1330 mm  (Cover 1257 mm )
370 mm  (Cover 420 mm )

**TRADITIONAL CONTOUR PROFILE**
AVAILABLE IN 2 THICKNESSES
-.450mm suitable for most roofing applications
-.900mm for added peace of mind where extra resistance to foot traffic or vandalism is required

**DESIGNED TO BE SUITABLE FOR PITCHES AS LOW AS 10°**
**The Metrotile Slate profile is a product that offers incredible value and superior performance to traditional slate roof products in every way. Metrotile Slate offers the same great aesthetics as traditional slate roof tiles while offering superior benefits.**

The deep lines pressed into each Aluzinc® coated steel profile results in increased shadow definition, resulting in a tile that looks virtually indistinguishable from traditional slate, while simultaneously offering unmatched vandal and weather resistance. Available in .450mm and .900mm thickness and formed from high quality Drawing Grade 3 steel, like all Metrotile profiles, Metrotile Slate makes a perfect choice for a wide variety of roofing projects.

### Lightweight High Grade Steel with Aluzinc® Coating
**For Incredible Strength and Resistance**

**AVAILABLE IN 2 THICKNESSES**

- **.450mm**
  - Suitable for most roofing applications

- **.900mm**
  - Suitable for areas of high foot traffic or where extra resistance to vandals is required

**UNIQUE 40 year Weatherproof Guarantee**

### Metrotile SLATE 450 / 900 Specifications

<table>
<thead>
<tr>
<th>Dimension</th>
<th>450 / 900</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum pitch</td>
<td>10°</td>
</tr>
<tr>
<td>Maximum pitch</td>
<td>90°</td>
</tr>
<tr>
<td>Size of tile - cover</td>
<td>1330 x 370 mm</td>
</tr>
<tr>
<td>Gauge of Steel</td>
<td>.450 mm / .900 mm</td>
</tr>
<tr>
<td>Linear cover width</td>
<td>1257 mm</td>
</tr>
<tr>
<td>Coverage</td>
<td>2.15 tiles per m²</td>
</tr>
</tbody>
</table>

**WEIGHT**

- Weight per m² (450/900): 6.2 kg / 9.9 kg
- Weight per tile (450/900): 2.8 kg / 4.6 kg

**FIXING**

- Tile Fixing: 50 mm x 2.8 mm Coated Nail
  - Hand nailing or power tool
- Fixings per tile: 4 Nails per Tile

**BATTENS REQUIRED**

- Batten: 5 linear metres per m² (plus wastage)

**BATTEN SIZING**

<table>
<thead>
<tr>
<th>Rafter Centres (max)</th>
<th>Batten Size (recommended)</th>
</tr>
</thead>
<tbody>
<tr>
<td>450 mm</td>
<td>25 x 50 mm</td>
</tr>
<tr>
<td>600 mm</td>
<td>25 x 50 mm</td>
</tr>
<tr>
<td>900 mm</td>
<td>50 x 50 mm</td>
</tr>
<tr>
<td>1200 mm</td>
<td>50 x 50 mm</td>
</tr>
<tr>
<td>1500 mm</td>
<td>50 x 65 mm</td>
</tr>
</tbody>
</table>

**LAYING (recommended)**

- All roof shapes: Broken Bond

**ACCESSORIES**

- See Page
- Tile Accessories: 32 - 39
- Ventilation: 34 - 37
- Underlay: 32
- Gables Protection: 37
- Installation Equipment: 39

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**Green | Bronze | Brindle | Charcoal | Red | Terracotta**

**Traditional slate looks with superior benefits**

The Metrotile Slate profile is a product that offers incredible value and superior performance to traditional slate roof products in every way. Metrotile Slate offers the same great aesthetics as traditional slate roof tiles while offering superior benefits.

The deep lines pressed into each Aluzinc® coated steel profile results in increased shadow definition, resulting in a tile that looks virtually indistinguishable from traditional slate, while simultaneously offering unmatched vandal and weather resistance. Available in .450mm and .900mm thickness and formed from high quality Drawing Grade 3 steel, like all Metrotile profiles, Metrotile Slate makes a perfect choice for a wide variety of roofing projects.
Metrotile Roman

The classic contoured design

The elegant double roman tile is a truly classic design, now available with all of the benefits that only Metrotile lightweight steel roofing systems can offer. The beautiful contoured design of each Metrotile Roman tile will compliment any roofing project perfectly, offering an aesthetic that manages to be simultaneously classical and contemporary in style, while offering all of the quality and protection our many worldwide customers have come to expect.

Available in five colours pressed in the .450mm gauge steel, Metrotile Roman delivers the perfect balance of traditional aesthetics and contemporary performance, while requiring virtually zero maintenance and offering unsurpassed protection from vandalism and the elements.

Pressed from high quality Drawing Grade 3 Aluzinc® coated steel as all of our profiles, backed by a full selection of matching accessories and able to be fixed to a pitch as low as 10°, Metrotile Roman is a stand-out choice for any building project.
A versatile profile with the appearance of a small riven slate

Based on the classic North American timber shingle design, Metrotile Shingle is a simple and elegant solution for any roof project. Offering the rooftop quality and style for which Metrotile is renowned, Metrotile Shingle has been designed with a unique “hidden fix” system that also enables the product to double as an excellent vertical cladding solution. This is because the hidden-fix design leaves no nail exposed, preventing rainwater from corroding the nails, a common weakness of traditional vertical cladding.

Metrotile Shingle is available in five colours, and can be fixed from vertical, down to a minimum pitch of 15°. It is the ideal profile for those looking for a simple and elegant roofing or cladding solution.

**Metrotile SHINGLE Specifications**

**Pitch**
- Minimum pitch: 15°
- Maximum pitch: 90°

**Dimensions**
- Size of tile - overall: 1335 x 300 mm
- Size of tile - cover: 1255 x 250 mm
- Gauge of Steel: .450 mm
- Linear cover width: 1255 mm
- Coverage: 3.2 Tiles per m²

**Weight**
- Weight per m² (.450): 6.1 kg
- Weight per tile (.450): 1.9 kg

**Fixing**
- Tile fixing: 25 mm x 2.8 mm Coated Nail
- Fixings per tile: 4 Nails per Tile

**Battens Required**
- Battens: 5 linear metres per m² (plus wastage)

**Batten Sizing**
- Rafter Centres (max): 450 mm
- Batten Size (recommended): 25 mm x 50 mm
- 600 mm: 25 mm x 50 mm
- 900 mm: 50 mm x 50 mm
- 1200 mm: 50 mm x 50 mm
- 1500 mm: 50 mm x 65 mm

**Laying (recommended)**
- All roof shapes: Interlocking

**Accessories**
- See Page
- Tile Accessories: 32 - 39
- Ventilation: 34 - 37
- Underlay: 32
- Eaves Protection: 37
- Installation Equipment: 39

**Available Thickness**
- .450 mm

**Designed to be suitable for pitches as low as**
- 15°

**Lightweight high grade steel with Aluzinc® coating for incredible strength and resistance**

**Unique “hidden fix” feature leaves no nails exposed to corrosion**

**Grande Designs**
The new Fair Isle Bird Observatory: powered by Metrotile

As Fair Isle is detached from the National Grid it has always been powered by a combination of generators and renewable resources, such as wind power. So when a new observatory building was touted, the implementation of sustainable and renewable energy resources was an essential part of the design process. The result was an observatory that utilised modern methods of construction:- 32 individual pods would combine to form the building and were built off-site utilising Structural Insulated Panels (SIPs). The separate pods were transported to Fair Isle by land and sea before being craned into position, creating an observatory that also provides accommodation for the Fair Isle bird watching community.

The Metrotile Photovoltaic System was chosen as the lightweight nature of the product enabled for swift transportation to site and a fast installation of the building, while the 100 Photovoltaic panels will power around the clock ventilation and lighting at the observatory.

Quality Assurance

The Metrotile Photovoltaic System has been tested in compliance with European and International Standards, including draft Dutch Building Standard, EU 'prescript' pre-standards and has been tested for wind uplift, code F-02-BRE 36-6 and water ingress tests according to procedures in CEN standard NEN 15601:2006 by the British Research Establishment, UK.

The laminates are manufactured in an ISO 9001-2002 certified factory and produced in a TUV IEC 61212 & Safety class 2 approved process.

Alternative Metro Larger Panel Systems

In addition, Metrotile is able to supply an over-tile retrofit system with a complete flashing option for all Metrotile profiles. Larger panels are available in 70, 80, 115, 120 & 185 watt outputs and conform to the Low Carbon Building Programme Phase 2 (LCBP2E) and are manufactured by an MCS certified supplier.

We can provide a full design, installation and commissioning service or simply supply the system required including inverters to specification. A Technical Adviser visit can be arranged.

To find out more

Contact our sales team to discuss how our innovative Photovoltaic System can be part of your project
Tel: + 44 (0)1249 658514  email: info@metrotile.co.uk

Harness energy from natural light with the Metrotile Photovoltaic System

Available for all Metrotile Slate and Metrotile Bond Profiles

The Metrotile Photovoltaic System is simple and easy to fit. One tile is one installed Photovoltaic Panel. The tiles interlock and are screwed not nailed for easy removal should a cell be damaged.

There are no special flashings or mounting systems and no other waterproofing or sealing materials are required.

Fifteen Polycrystalline PV cells connected in series with embedded strings within the laminate

Fully vented carrier panel with a non-reflective glass laminate surface

52 watt panel bonded directly to the weather surface of the tile

Photovoltaic tiles southport college

See pages 28 & 29

As Fair Isle is detached from the National Grid it has always been powered by a combination of generators and renewable resources, such as wind power. So when a new observatory building was touted, the implementation of sustainable and renewable energy resources was an essential part of the design process. The result was an observatory that utilised modern methods of construction:- 32 individual pods would combine to form the building and were built off-site utilising Structural Insulated Panels (SIPs). The separate pods were transported to Fair Isle by land and sea before being craned into position, creating an observatory that also provides accommodation for the Fair Isle bird watching community. The Metrotile Photovoltaic System was chosen as the lightweight nature of the product enabled for swift transportation to site and a fast installation of the building, while the 100 Photovoltaic panels will power around the clock ventilation and lighting at the observatory.

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52 watt panel bonded directly to the weather surface of the tile

Photovoltaic tiles southport college

See pages 28 & 29
A State of the Art Factory for a State of the Art Product

Metrotile is committed to continuous improvement of manufacturing processes. Our plant based in Tongeren, Belgium, utilises the very latest technology including a wastewater recycling system that ensures each profile begins its life in the greenest possible way. Our factory has acquired both ISO9001 and ISO14001 certification for adhering to the strictest sustainability principles involved in producing high quality tiles and accessories.

To achieve the highly regarded ISO14001 certification the Metrotile factory had to undergo strict examinations in a number of key areas, including the use of on-site recycling systems to reduce fuel consumption and waste generation. The standards were met via advanced wastewater recycling system.

Home Energy Efficiency - the Metrotile Way

From both an economical and environmental standpoint, insulating your home has never been more important. A Metrotile roof, when used in conjunction with traditional loft space insulation, is just as dependable as traditional roof materials when it comes to keeping the heat in during the winter, helping you to keep your energy costs down.

During the summer months, a Metrotile roof will keep the temperature of your home down, as traditional roof materials when used in conjunction with traditional loft space insulation, is just as dependable as traditional roof materials when it comes to keeping the heat in during the winter, helping you to keep your energy costs down.

The Very Best Modern Materials

It is a well known fact that steel is one of the worlds most recycled materials and the steel used by Metrotile is no exception. We only use high quality Drawing Grade 3 steel, which already contains approximately 25% recycled materials. Once your Metrotile roof has given more than a lifetime of use and reaches the end of its life, it is fully recyclable, unlike traditional roof products that are deposited at landfill.

In addition, we only use chemical free stone and an acrylic glaze that is free of toxins and therefore rainwater can be safely harvested from a Metrotile roof.

Collection and recycling is fully integrated into all aspects of our manufacturing process, ensuring our products are continuously improved.

Transport: Why Settle for More?

There are very few products that can claim to reduce transport costs and associated CO2 emissions by up to an eighth in comparison to other similar materials, but by fitting a Metrotile roof, this is exactly what you get. For every eight lorries required to transport a concrete tile roof, you will need just one for a Metrotile roof.

This means significant transport and emission reductions, plus a swifter arrival on site, a faster installation and lower storage requirements prior to installation. Before the Metrotile roof is installed, the same reduced weight advantage places reduced stress on the supporting structure, increasing the life of the whole building while keeping whole life costs to a minimum for the entire building project.

Labour cost and the risks of injury are significantly reduced - both important factors for any project. In addition any leftover or waste tiles can be fully recycled - today a Metrotile, tomorrow your fridge!

Secure Solution

Sometimes the worst damage can be caused by the forces of nature. That is why Metrotile has been tested against the most extreme weather conditions including fire in California and cyclones in Japan! Furthermore, a Metrotile roof is resistant to cyclical freeze-thaw, snow and hailstones and is resistant to wind uplift of 192km/hour! No other roofing material can offer this kind of protection against the elements.

From both an economical and environmental standpoint, insulating your home has never been more important. A Metrotile roof, when used in conjunction with traditional loft space insulation, is just as dependable as traditional roof materials when it comes to keeping the heat in during the winter, helping you to keep your energy costs down.

During the summer months, a Metrotile roof will keep the temperature of your home down, despite external temperatures, as each Metrotile profile stores less heat than a thicker slate or clay tile. This enables heat to dissipate faster.

Helping you to save energy all through the year

The Metrotile 900 Secure Solution

Extra Strength

Extra Resistance

Extra Peace of Mind

Using the Metrotile 900 profiles - which are pressed from the same high grade aluzinc coated steel as our 450 profiles - Metrotile can supply a full ‘high security’ vandal resistant specification for any application. Metrotile 900 resists impact and brute force and will deny access to even the most determined assailant.

Available in the Metrotile Bond and Metrotile Slate profiles, Metrotile .900 is virtually indestructible and when used in conjunction with Metrotile Secure one way screw fittings Metrotile 900 simply cannot be removed. Additional steel straps can be fixed between battens to close potential access points through the roof build up with the addition of security mesh when required.

A green roof - the Metrotile Way

We believe in responsible business practices, and the reason for this is simple - if we don’t do it, who will? Metrotile is committed to continuous improvement of manufacturing processes. Our plant based in Tongeren, Belgium, utilises the very latest technology including a wastewater recycling system that ensures each profile begins its life in the greenest possible way. Our factory has acquired both ISO9001 and ISO14001 certification for adhering to the strictest sustainability principles involved in producing high quality tiles and accessories.

To achieve the highly regarded ISO14001 certification the Metrotile factory had to undergo strict examinations in a number of key areas, including the use of on-site recycling systems to reduce fuel consumption and waste generation. The standards were met via advanced wastewater recycling system.

All water used for manufacturing is captured and reused using our highly advanced wastewater recycling system.

We believe in responsible business practices, and the reason for this is simple - if we don’t do it, who will?
Metrotile’s roofing systems are highly versatile and suitable for a wide range of applications. Our products can be found on roofs throughout over sixty countries worldwide, with many examples situated in the UK.

Architects, designers and specifiers have discovered the many benefits of Metrotile - for new build residential schemes such as Redrow Homes (featured here) to offices, schools, leisure facilities, hospitals, retail stores and a wide variety of refurbishment projects.

In the following pages you will find a small selection of Metrotile case study examples, showing our diverse range of profiles, colours and accessories used in different applications.

For more examples click on image gallery at www.metrotile.co.uk
Redrow Homes  Debut Range

Redrow Homes are one of the leading affordable home developers in the UK. For their Debut Range, Redrow Homes were faced with the challenge of developing homes for first time buyers that utilised modern methods of construction while maintaining their innovative high standards. For the projects roofing materials, Redrow specified Metrotile.

The surrounding photography shows Metrotile Slate in Charcoal applied to Debut Range homes, complimenting the modern design and brick and timber facades of the stylish contemporary buildings perfectly.

A stunning development that mixed aesthetic appeal and functionality with a swift and economical installation program

With the Debut Range, Redrow Homes set out detailed criteria for every aspect of the project, including the whole life value of materials in relation to construction and ongoing maintenance costs. With Metrotile’s lightweight steel roofing systems, Redrow found a product that ticked every box, from low whole life costs to high aesthetic appeal.

As with any Metrotile project the installation process was highly economical, requiring low transport costs and delivery times, significantly helping Redrow Homes with their need to construct the Debut Range as efficiently as possible. The ability to keep transport costs and fixing speeds to a minimum was a prominent deciding factor for specifying Metrotile, while the lightweight profile design and fast installation method ensures labour costs are kept to a minimum.

The quick installation of a Metrotile roof also ensures that properties are secure and watertight in the fastest possible time, enabling tradesmen to have earlier internal access to each home. The end result is a stunning, swiftly installed development that sacrificed none of its aesthetic or functional appeal.
Private Homes  Staffordshire

These recently refurbished 1930s properties in Cannock Chase, Staffordshire benefit from Metrotile Roman installations. A classic aesthetic style enhances the homes without straying from the original designs while offering greater benefits. This raises the standards of the homes to levels unobtainable with traditional roofing materials.

The result is residents enjoying the benefits of refreshed homes that not only look great, but also have greater insulation meaning they can keep their home fuel bills down, safe in the knowledge their new roofs are backed by an industry-leading forty year weatherproof guarantee.

All backed by an unique 40 year guarantee

Classic 30s design
now with modern benefits
A requirement of Gorse Hill School’s refurbishment was a roofing system that provided excellent vandal resistance, yet had the aesthetic appeal to match the concrete roof tiles that still adorned the roofs of some of the school buildings. The result is a stunning example of how a Metrotile roof can go head to head with traditional roof materials for aesthetic appeal.

Located in the heart of the Cotswolds, Fairford School was refurbished in 2008 and required a roofing system that could offer unsurpassed durability complementing the honey-coloured brick walls. Metrotile’s 9.00mm Slate profile in Bronze was specified, as it is the only system that could meet all of the project’s demands. The school’s new Metrotile Slate roof delivered on all counts including performance, durability, low whole-life cost and aesthetics.

Vandal resistance is a key factor when planning any school project. To prevent vandalism to the roof and unwanted access to the building, the profiles were specified in 9.00mm thickness, providing a totally robust roof solution that is resistant to both high levels of foot traffic and potential vandalism. When the materials were specified, the extra strength option was a factor that made Metrotile the only choice for the project.

The specification of Metrotile also enabled a swift installation. This enabled the school project to be completed quickly so that it would be open in time for the new school term, as the lighter nature of the tile, combined with a dry fix installation, enabled quick weather-proofing of the site so that other tradesman could carry out their work inside the building.

The school was assured further with the products unmatched 40 year Weatherproof Guarantee and the whole life costs savings that only a Metrotile lightweight steel roof can provide with virtually zero maintenance requirements and a low damage risk.
Over the past decade, Southport College has maintained a program of roof maintenance, converting their flat roofs to pitched.

In 2010 they opted to convert the science block, but wanting to take advantage of what would become a south-facing roof slope, they chose modern materials to reduce their carbon footprint, save on energy costs and enjoy the benefits of a low maintenance, long-lasting solution.

Following several design meetings arranged by principal contractor Alpha Roofing, and involving the supply chain, estates manager and CDM coordinator, Metrotile Lightweight Roofing were chosen to supply both their stone coated steel roof tiles and a 10KW photovoltaic system that would be installed to feed energy back into the national grid.

Work began at the start of the school summer holidays, with the initial phases involving scaffolding and the installation of a steel frame that would convert the flat roof to a pitch. By the end of the summer break, the roof covering was complete and the PV system ready to go online; providing the college a durable, lightweight system that would offer a number of environmental and cost benefits for decades to come.

Given the strict time frame for completion, Metrotile were considered the ideal supplier, the photovoltaic panel is integrated into the profile, making installation as easy, and quick, as installing one of our standard roof tiles. This allowed for efficient planning at the design stage and resulted in the project being completed for the start of the new school term.
Metrotile UK Ltd is proud to supply Lightweight Steel Roofing Systems for The Priory Federation of Academies, Lincoln. Initially three separate educational sites, LSST, Witham and City of Lincoln College (incorporating The Ruskin Academy) merged together to create the Priory Federation of Academies.

The combination of new build and refurbishment projects is one of the final government Building Schools for the Future programs and also the largest single project Metrotile UK has been involved with so far.

The Priory LSST
Once completed, the various roofs of the Priory Academies will feature over 50,000 Metrotile profiles in total. LSST was subjected to a two-phase development program, the first featuring 2.5 thousand Metrotile Bond profiles in Brindle. The remaining 4000 were installed during mid 2011, gracing the remaining buildings with Metrotile Bond in red.

The Priory Witham Academy
Due to the time constraints imposed by undertaking such a large project during term time, Balfour Beatty and roofing contractors Dodds Roofing required a roofing material that offered unmatched durability and security, yet could be installed rapidly. For Dodds Roofing, there was only one choice.

The Priory City of Lincoln College
Also a two tier development, The City of Lincoln College reached completion during Summer 2011. The roof at the college consists of 8000m² (16,000 profiles approx.) of Metrotile Lightweight Steel Roofing.

Outstanding Roofs for Outstanding Schools
The Priory Federation of Academies, Lincoln

“Dodds Roofing has worked with Metrotile for many years. Its such a great system, not only is it easy and swift to install, but it also leaves a great all-round finish, with very impressive security benefits”

Graham Dodds
Managing Director, Dodds Roofing
Morrisons Supermarket  Yorkshire

Metrotile roofing systems are ideally matched to all roofing projects including refurbishments. The clean yet traditional styling of Metrotile profiles can make an established building look like it is new again.

A prime example is Morrisons supermarket, Leeds. This refurbishment project required highly durable materials for a demanding city centre site location. The roof needed to provide a high-performance replacement for 1400m$^2$ of fibre cement roofing tiles. As Metrotile roofing systems provide superior aesthetics, durability and a long lifespan, Metrotile Slate in Charcoal was selected and the stunning result can be seen here.

Once again, Metrotile’s many benefits succeeded where traditional products could not. From the swift installation to the reduced transport, labour costs and the low whole-life costs offered by the virtually zero maintenance design, Metrotile exceeded project requirements time and time again, even providing easy installation at areas with a minus 20 degree pitch, while the lower weight ensured significantly lower structural stress than the former fibre cement roof.

Refurbishment projects, by nature, have restricted access and storage space on site. As Metrotile required approximately seven times fewer deliveries and far less storage space than traditional roofing materials, this aided the swift installation process and allowed more room for other project materials. The reduced breakage and manual labour count also aided the project through a swift and successful building programme.
The multiple benefits that encourage so many architects and specifiers to choose Metrotile for their large-scale projects also apply to Self Builders and smaller projects. It doesn’t matter if you’re looking to roof your house, conservatory, garage or even your shed - Metrotile Lightweight Steel Roofing will provide unmatched protection for forty guaranteed years and beyond with virtually no maintenance requirements. The wide range of profiles and colours that Metrotile provides ensure your roof will blend into the natural surroundings while providing benefits beyond the traditional roofing products used by your neighbours.

Metrotile doesn’t just supply Lightweight Steel Roofing Systems - everything your roof top needs can be sourced directly from Metrotile. From high-quality permeable underlay to innovative products such as the Solatube, Metrotile is your one stop shop and is also an authorized supplier of roof windows manufactured by leading companies Velux and Keylite. And of course, if you’re looking to benefit from rooftop-generated energy, Metrotile can supply their integrated Photovoltaic system.

Metrotile recommends using approved contractors to ensure the 40 year guarantee. If you decide to go the DIY route however, you can expect full support from Metrotile throughout your entire project. Please note that a self-installed roof’s guarantee is subject to final approval from a Metrotile Representative.
The elegant lines of the Metrotile Slate and Shingle profiles provide a stunning compliment to both the timber frames of the lodges and the scenic beauty of the natural surroundings, delivering outstanding looks and unparalleled performance.

Metrotile was selected as our products offer outstanding performance over time, with low maintenance requirements ensuring the tiles continue to reflect the beauty of their surroundings for many years to come. The lightweight, durable nature of a Metrotile roofing system is the perfect choice for any timber frame building.

Metrotile Slate and Shingle in Charcoal were selected for their environmental suitability.

“Metrotile is proving a very popular choice with our customers. Not only does it look fantastic but it can also be fitted on more or less any roof pitch and good ventilation can be incorporated into each stable”

Scotts of Thrapston

Scotts of Thrapston Stable Building Norfolk

Stabling specialists Scotts of Thrapston are renowned for their high-quality equestrian projects. When a new development of racing stables in Norfolk called for an elegant and high-performance roof solution to match the aesthetic quality of the design, Metrotile Bond in Charcoal was selected to complement the timber clad structure and to blend with local roofing materials.

The design benefits afforded by lightweight steel roofing proved important to the architects, allowing them to create a striking feature roof above the entrance to the stables. In terms of performance, the specification called for greater ventilation than would normally be required, together with high levels of security. As a result, roof ventilation units from the Metrotile range were incorporated into the roof design and the Metrotile Bond .900mm profile was specified - providing a highly secure roof enclosure, resistant to both foot traffic and potential attacks of vandalism.
Metrotile Lightweight Steel Roofing was chosen to rejuvenate 43 Cornish Units at Willow Crescent, Normanton. The project was operated by Wakefield and District Housing, who planned the refurbishments with renowned architects NPS.

The project required a roofing material that would not make the properties lose their character, yet offer benefits such as increased insulation and reduced rooftop weight so that increased pressure was not placed on each buildings foundations.

Metrotile Bond was chosen, with each resident able to choose the colour of their own rooftop. This managed to both retain the character of the Cornish Units, while also significantly improving Willow Crescents aesthetics. Each resident also made substantial savings with their heating bills thanks to each homes boosted insulation.

Metrotile worked very closely with all involved. The roofs were installed by contractors Ultegra Services and their Business Development Manager, Glen Leatherbarrow states:

"Metrotile is a modern company with old fashioned customer service values. Unlike many other companies, they go one step beyond to help. They work with you instead of for you and their after sales service is second to none."

The homes were built post World War II as temporary housing with a life expectancy of around forty years. With Metrotile installed as the roofs and mansards, the properties can enjoy another forty years bolstered by Metrotile’s unique 40 year weatherproof guarantee.

Looking for Cladding Products?
Also see Metrotile Shingle on page 14/15
Why the New Charter Housing Trust Group choose Metrotile

New Charter Housing Trust is one of the UK’s premier Social Landlords, responsible for a stock of over 18,000 homes in the Manchester and Cheshire areas.

New Charter Housing has specified Metrotile Lightweight Steel Roofing Systems on both refurbishment and new build projects and has also put the product forward for upcoming projects. This is because Metrotile is so versatile and durable that it is proving to be the solution to many project problems, such as the need for low weight on supporting structures, flat to pitch conversions or just the need for a swift installation.

Pendle House, a home for the elderly located in Denton, Greater Manchester, required a roofing solution to overcome large spans between the roof trusses and replace a felt roof. Due to the span of each Metrotile Profile, the roof replacement was swift, secure, aesthetically pleasing and prevented the need to replace the roof trusses. The success of the Pendle House installation led New Charter Housing Trust to choose Metrotile for further projects, including the Bushyfield estate in Hyde which consists of prefabricated BiSF homes. The requirements for this project included rooftop weight considerations due to the nature of the supporting structure. Once again, Lightweight Steel Roofing trumped the old guard traditional products, reinvigorating the BiSF rooftops with a modern material.

New Charter Housing Trust initially specified Metrotile as they required what they believed to be a ‘niche’ product. What they found was both a highly durable rooftop solution and the ideal product for many projects to come. New Charter Housing’s faith in Metrotile is reflected in the choice of roofing material for their area office in Hyde (pictured above).
**Housing Association Cottages**  The Orkney Islands

This project in the Orkney Islands called upon a superior roofing product that could offer superior protection against the island’s extreme weather conditions, while ensuring the 32 new timber frame homes utilized a durable roofing product that would blend into the local environment.

Metrotile Slate in Charcoal was specified, as the riven appearance matched that of local surrounding buildings while the Aluzinc® coating provided unmatched corrosion resistance within the wind and rain prone marine environment.

**Local Authority Bungalows**  West Lothian

The refurbishment of these single storey buildings at Elm Grove in Blackburn, West Lothian required an essential installation of Metrotile lightweight roofing systems, as the buildings are unable to take the weight of traditional roofing products such as slate or concrete. During the project, the building’s roofs were stripped of their metal roof sheets and new trusses were applied, before renewing the exterior of the homes with Metrotile Bond in Brindle.

**Cornish Units**  Gwent

These refurbished Cornish Units in Gwent benefit from using Metrotile Shingle as a vertical cladding solution. Metrotile Shingle offers unsurpassed vandal proofing while the zero maintenance design ensures low whole life costs and rejuvenates the building’s facade with a stunning modern aesthetic. In addition, the Metrotile Shingle profile’s hidden fix system protects the nails holding it in place from the elements, removing the problem of nail corrosion suffered by traditional vertical cladding products.

**BISF Houses**  Yorkshire

Once again, the use of Metrotile refreshes the look of local authority housing, the refurbished home contrasting against the BISF property to the right that is still awaiting a new roof. Metrotile Slate in Charcoal was specified for this project, the classic look of the profile enlivening the homes while complementing the natural surroundings.

**Local Authority Flats**  West Lothian

West Lothian Local Authority was so impressed with Metrotile’s superior quality and longer guarantee period that they switched over from using another lightweight steel roofing brand. They specified Metrotile Bond in Brindle for the roof of this block of flats at Beechwood, where a flat to pitch roof conversion was necessary to both reinvigorate the look of the building while assisting the property to ‘Better Homes’ standards.

**Housing Association Flats**  Gloucestershire

When Severn Vale Housing Association planned a 4000m² roof refurbishment of three blocks of flats in Shurdington near Cheltenham, they needed a roofing solution to replace the worn out concrete tiles that could be found on the buildings.

The decision to specify Metrotile Bond .450mm in Bronze was reached, as all of the roof material required could be obtained from a single source, while the lightweight material enabled a fast on site installation that quickly turned the worn out roof of old into a distant memory. The new red roofs also enhanced the building’s looks, making them more attractive and vibrant without damaging the rapport with the surrounding locations.

The roof installation will offer shelter and greater security to the building’s inhabitants for many years to come, while requiring zero maintenance, placing significantly reduced strain on the supporting structure and keeping whole life costs down to an absolute minimum.
Metrotile supplies a full range of bespoke accessories that fully integrate with our lightweight steel roofing systems. Each product is manufactured to the same high standards as our tile profiles.

If you require any further information regarding the application of our accessories, a free quotation or you wish to place an order, contact us via phone: 01249 658514, email: sales@metrotile.co.uk or log on to www.metrotile.co.uk and complete an online enquiry form.

**UNDERLAY**

**Roofing Underlay**

Essential waterproofing underlay component for a Metrotile roof. Membranes available as breathable or non-breathable.

- **Non Breathable**
  - Size per Roll: 7.5 m x 45 m
  - Weight per Roll: 5 kg
  - Area Weight: 776 g/m²
  - Colour: Black

- **Breathable**
  - Size per Roll: 7.5 m x 50 m
  - Weight per Roll: 6 kg
  - Area Weight: 125 g/m²
  - Colour: Blue

**Delta Ridge**

For sealing the top courses of tiles. For projects with a duo pitch and compatible with all Metrotile profiles.

- **Overall Length**: 1365 mm
- **Cover Length**: 1257 mm
- **Cover Width**: 230 mm

**Square Ridge**

For sealing the top courses of tiles. For projects with a duo pitch and compatible with all Metrotile profiles.

- **Overall Length**: 1365 mm
- **Cover Length**: 1257 mm
- **Cover Width**: 140 mm

**Angle Ridge**

For sealing the top courses of tiles. For projects with a duo pitch and compatible with all Metrotile profiles.

- **Overall Length**: 1365 mm
- **Cover Length**: 1257 mm
- **Cover Width**: 130 mm

**Triple Barrel Ridge**

For sealing the top courses of tiles. For projects with a duo pitch and compatible with all Metrotile profiles.

- **Overall Length**: 1125 mm
- **Cover Length**: 1115 mm
- **Cover Width**: 150 mm

**3 Course Barge**

For closing the edges of a Metrotile roof. Compatible with all profiles except Shingle. Available left or right handed.

- **Overall Length**: 1125 mm
- **Cover Length**: 1115 mm
- **Cover Width**: 750 mm
- **Depth**: 125 mm

**2 Piece Non-Handed Shingle Barge**

For closing the edges of a Metrotile Shingle roof. Compatible with Shingle profiles only.

- **Overall Length**: 1250 mm
- **Cover Length**: 1175 mm
- **Cover Width**: 5 courses of Metro Shingle Tiles

**Flat Sheet**

A multi-purpose 450mm thick sheet which is easily cut and bent for a variety of uses including flashing.

- **Overall Length**: 850 mm
- **Cover Length**: 780 mm
- **Overall Width**: 435 mm
- **Weight**: 2.5 kg

**Profile Filler**

Required for Metrotile Bond 900 installations. Seals the gap between the top course and the ridge.

- **Overall Length**: 950 mm
- **To fill depths of up to 25 mm**

**Sidewall Flashing**

For sealing between the roof edge and a wall. Available in left or right handed.

- **Overall Length**: 1250 mm
- **Cover Length**: 1750 mm
- **Width**: 235 mm
- **Weight**: 1.2 kg
- **Covers 3 courses of Tiles**

**Cover Flashing**

For sealing between the roof edge and a wall. Can be used on left or right side.

- **Overall Length**: 1250 mm
- **Cover Length**: 1750 mm
- **Width**: 235 mm
- **Weight**: 1.5 kg

**Short Course**

For installation under the ridge within projects that have remaining space but cannot accommodate another full size profile.

- **Overall Length**: 1250 mm
- **Cover Length**: 1175 mm
- **Cover Width**: 435 mm
- **Weight**: 2.5 kg

**A multi purpose 450mm thick sheet which is easily cut and bent for a variety of uses including flashing.**

- **Overall Length**: 750, 200, 215, 220 and 230 mm

**Profile Filler**

Required for Metrotile Bond 900 installations. Seals the gap between the top course and the ridge.

- **Overall Length**: 950 mm
- **To fill depths of up to 25 mm**

**Long Course**

For sealing between the roof edge and a wall. Available in left or right handed.

- **Overall Length**: 850 mm
- **Cover Length**: 780 mm
- **Overall Width**: 435 mm
- **Weight**: 2.5 kg

**Flat Sheet**

A multi-purpose 450mm thick sheet which is easily cut and bent for a variety of uses including flashing.

- **Overall Length**: 850 mm
- **Cover Length**: 780 mm
- **Overall Width**: 435 mm
- **Weight**: 2.5 kg

**Profile Filler**

Required for Metrotile Bond 900 installations. Seals the gap between the top course and the ridge.

- **Overall Length**: 950 mm
- **To fill depths of up to 25 mm**

**Metrotile Accessories**

Metrotile supplies a full range of bespoke accessories that fully integrate with our lightweight steel roofing systems. Each product is manufactured to the same high standards as our tile profiles.

If you require any further information regarding the application of our accessories, a free quotation or you wish to place an order, contact us via phone: 01249 658514, email: sales@metrotile.co.uk or log on to www.metrotile.co.uk and complete an online enquiry form.

All products are available in standard colours. For non standard colours please enquire.
**Ventilation**

- **Cowl Vent LG75 Bond**
  - Enables ventilation to be incorporated into Metrotile roofing systems.
  - Compatible with Bond profiles
  - Overall Depth: 420 mm
  - Overall Width: 430 mm
  - Weight: 1.2 kg
  - Free Ventilation Area: 7,500 mm²

- **Cowl Vent LG75 Slate**
  - Enables ventilation to be incorporated into Metrotile roofing systems.
  - Compatible with Slate profiles
  - Overall Depth: 415 mm
  - Overall Width: 480 mm
  - Weight: 1.3 kg
  - Free Ventilation Area: 7,500 mm²

**Vent LV90 Shingle**

- Enables ventilation to be incorporated into Metrotile roofing systems.
- Compatible with Shingle profiles
- Overall Depth: 250 mm
- Overall Width: 225 mm
- Air Flow: 9,000 mm²

**In Line Vent Bond**

- Enables ventilation to be incorporated into Metrotile roofing systems.
- Compatible with Bond profiles
- Overall Length: 420 mm
- Overall Width: 430 mm
- Weight: 1.2 kg
- Free Ventilation Area: 10,000 mm²

**In Line Vent Slate**

- Enables ventilation to be incorporated into Metrotile roofing systems.
- Compatible with Slate profiles
- Overall Length: 415 mm
- Overall Width: 480 mm
- Weight: 1.5 kg
- Free Ventilation Area: 10,000 mm²

**Gas Exhaustion Vent**

- Enables ventilation to be incorporated into Metrotile roofing systems.
- Compatible with Bond profiles
- Overall Length: 600 mm
- Overall Width: 410 mm
- Weight: 1.1 kg

**Gas Ridge Terminal**

- For installation into the ridge of a Metrotile roof to enable ventilation for gas and loft fumes
- Overall Length: 630 mm
- Overall Width: 250 mm
- Weight: 4.3 kg

**Flexible Adaptor**

- For use with all Metrotile vent systems. (Not compatible with the Metrotile Hi Flow Vent System)
- Overall Length: 570 mm
- Diameter: 100 mm
Hi Flow Vent Bond
For use in Metrotile roofing systems where increased ventilation is required. Compatible with Bond profiles.
Overall Depth 420 mm
Overall Width 430 mm
Weight 1.2 kg
Free Ventilation Area 20,000 mm²

Hi Flow Vent Slate
For use in Metrotile roofing systems where increased ventilation is required. Compatible with Slate profiles.
Overall Depth 420 mm
Overall Width 430 mm
Weight 1.2 kg
Free Ventilation Area 20,000 mm²

Flexible Adaptor - Hi Flow
For use with Metrotile Hi Flow Bond and Hi Flow Slate ventilation systems.
Length Per Metre
Diameter 160 mm

Ceiling Grill
For use with Metrotile Hi Flow Bond and Hi Flow Slate ventilation systems.
Diameter 160 mm

Ridge Vent / Batten Tray
Enables ventilation at the ridge of a Metrotile roof while simultaneously protecting batten from weather damage.
Length 850 mm

Hip Vent Strip
Enables ventilation at the hips and ridges of a Metrotile roof system.
Length 600 mm

Hi Flow Vent
Purchase separately or as part of the Hi Flow Vent Kit

Eaves Over Fascia Vent
10mm to 25mm

Continuous Rafter Tray
Prevents ventilation blockage often caused by insulation. Designed to be sited at 400 mm, 450 mm and 600 mm
Overall Length 6 metres

Eaves Fascia Tray

Eaves Over Fascia Vent
Prevents felt from sagging and keeps ventilation path clear
Overall Length 600 mm
Overall Width 400 mm

Valley Vent Strip
For use with Slate or Shingle and for Bond Hips

Hi Flow Vent
Purchase separately or as part of the Hi Flow Vent Kit

Valley Linings
The GRP Valley Lining is designed with a higher centre to enable closer profile coverage when a more discreet valley is required.

GRP Valley Lining
Overall Length 3 metres
Overall Width 360 mm

Continuous Rafter Tray

Expanding Foam
For sealing and lining valleys on a Metrotile roof system.
Available in 2 sizes
2200 mm x 200 mm
and
1715 mm x 340 mm

Valley Sealer
For installations where profiles cannot be bent.
Metrotile Shingle
9 mm x 25 mm x 4 metres
Metrotile .900
9 mm x 25 mm x 4 metres

Valley Linings

Eaves Over Fascia Vent
**WINDOSWS**

**Solatube**

Brighten up rooms in your home with this natural light system. Integrates perfectly with Metrotile profiles.

- **Cover Width:** 460 mm
- **Cover Length:** 370 mm
- **Overall cover %:** 70 mm
- **Diameter:** 250 mm

**Keylite**

A full range of Keylite roof windows and bespoke accessories are available from Metrotile. Please contact us for further details and advice.

**VELUX**

A full range of Velux roof windows and bespoke accessories are available from Metrotile. Please contact us for further details and advice.

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**PHOTOVOLTAIC**

**Photovoltaic Tile**

Generate valuable energy for your home with our innovative new Photovoltaic System.

Available for all Metrotile profiles

**Solatube**

For instances where natural light ingress is required directly through the roof. Made from highly durable Perspex and integrates with the Bond profile

- **Overall Length:** 1330 mm
- **Overall Width:** 370 mm

Available in .450mm only

**Clear Tile Bond**

Available in .450mm only

**Photovoltaic Tile**

For instances where natural light ingress is required directly through the roof. Made from highly durable Perspex and integrates with the Slate profile

- **Overall Length:** 1330 mm
- **Overall Width:** 370 mm

Available in .450mm only

**Clear Tile Bond**

Available in .450mm only

**Paslode**

Recommended for cutting Metrotile Profiles. Blade is made from heavy duty spring steel and legs can be removed for easy transport

- **Floor Space:** 3700 mm x 1000 mm
- **Length:** 1720 mm
- **Weight:** 29 kg

FOR SALE OR HIRE

**Paslode for gas nail guns**

50mm for Bond, Roman and Slate

**Guillotine**

Recommended for the bending of Metrotile Profiles

Made from high quality steel

- **Floor Space:** 490 mm x 460 mm
- **Height:** 530 mm
- **Weight:** 25 kg

FOR SALE OR HIRE

**Paslode**

Coil nails for gas nail guns

25mm for Shingle

**Bender**

Fastened to the Metrotile Bender with 12.5 mm bolts and wing nuts

- **Length:** 1600 mm
- **Weight:** 26 kg

FOR SALE OR HIRE

**Bending Attachment**

For the bending of Metrotile Profiles

Made from high quality steel

- **Height:** 355 mm
- **Width:** 760 mm
- **Weight:** 22 kg

FOR SALE OR HIRE
The installation of a Metrotile Lightweight Steel Roofing system is a swift, economical and ecological process made possible by the product’s lightweight design and use of modern construction materials.

Whether you’re a self-builder, looking to install the roof on your own project or you’re looking for an approved contractor to carry out the work, Metrotile is there to help during every step of the installation process and beyond.

The lightweight design of the Metrotile product is a plus factor for any installation. It ensures reduced transport costs and faster on-site deliveries, while the durable profile design enables the profiles to be moved around the site with virtually zero breakages, keeping waste to a minimum while ensuring the order quantities are accurately assessed.

Installation on site may be carried out with the use of scaffolding, or via Cherry Picker if space is at a premium. Either way, the large Metrotile profile sheets are simply locked into place and nailed to the roof battens, utilising a dry-fix cross-nail system that provides unsurpassed security and continues to keep on-site waste to a minimum.

Tiles may be shaped, cut or formed to suit each individual roof design and can easily accommodate accessories such as roof windows, vents, solar tubes and the Metrotile Photovoltaic System, as well as simple or complex hip and valley arrangements. For more details about the complete range of Metrotile Accessories, see pages 32 to 39 of this brochure.

A dry-fix system has a number of advantages. It helps the speed of installation and reduces the need for ancillary materials to be ordered, stored and disposed of and it also ensures that installation is far less weather-dependant, helping to add certainty to the construction programme and ensuring a more efficient flow of internal trades.

A detailed step-by-step installation guide, together with good site practice and specific information for each Metrotile profile is available for download from our website.

Please visit www.metrotile.co.uk for further details.

Metrotile Approved Contractors

If your project requires the use of contractors, Metrotile will put you in touch with an approved contractor in your area. Please note that we are only able to guarantee roofing systems installed by an approved contractor.

Self Builder Installation

We can also offer our guarantee to Metrotile roof systems installed by selfbuilders, but a representative will need to check the installation to validate the guarantee. Metrotile offers full support to DIY installations throughout the entire process and step-by-step installation guides are available by post, or via download at www.metrotile.co.uk.
Services & Support

At Metrotile, our adherence to high quality doesn’t begin and end with our products: we also understand the importance of providing a support and sales team of the highest quality. We heavily invest in research and development to ensure our range continues to meet customer needs, in addition to investing in industry standard resources to provide market leading support.

CAD Drawings

If CAD drawings are required, they can be downloaded from www.metrotile.co.uk in DWG or PDF format.

CPD Seminar

Metrotile is a proud member of the RIBA providers’ network and we have recently prepared a CPD Seminar entitled ‘Sustainable Lightweight Roofing Solutions’.

If you require a Metrotile representative to visit your organisation to present the seminar, call +44 (0) 1249 658514 or email sales@metrotile.co.uk for further information.

Metrotile.co.uk

The Metrotile website contains a wealth of information that covers every aspect of Metrotile Steel Roof Systems including design, specification, sales and installation.

Metrotile.co.uk contains detailed product information, including technical specifications, case studies, CAD drawings, and a regularly updated photo gallery and step by step installation guides can be viewed in PDF format.

Contact Us

Our knowledgeable staff are available for sales, technical queries and customer care (pre and post installation) between 8.30am and 5.00pm Monday to Friday.

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