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www.metrotile.co.uk



metrotile
LIGHTWEIGHT ROOFING

THE ROOF TILE HAS **EVOLVED**

ROOFING FOR **MODULAR BUILDINGS** GUIDE

INNOVATIVE OFFSITE HOUSING CONSTRUCTION



40
YEAR WEATHERPROOF
GUARANTEE



ISO9001
ISO14001





Roofing for Modular Projects: The **Metrotile** Benefits

- The low weight of a Metrotile roof makes the product ideal for modular factory build projects
 - Metrotile has been installed on modular homes from fabricators including Cygnus and Ilke
 - Metrotile's low weight ensures easy transportation to site and reduced weight on foundations post-installation
 - Rigorously tested to withstand harsh weather conditions and vandalism
 - Expert technical support and specification service on hand
 - Highest possible external fire resistance rating
 - 40 Year weatherproof guarantee
 - Stunning aesthetics
- 



At Metrotile we often emphasise the importance of our roofing's many benefits, the core of which is the unsurpassed strength and low weight offered by the highest drawing grade steel our tiles are pressed from. The low weight – just one seventh of so-called traditional roof tiles such as slate or clay – of each Metrotile profile is ideal for factory-built modular housing as it helps to keep the overall weight down during the transportation process and places significantly less pressure on the supporting frame and foundations without compromising security or aesthetics.

These benefits have not gone unnoticed by the modular home building industry and Metrotile is now the proud roofing material supplier for various innovative manufacturers including Cygnus Homes, Ilke Homes, Totally Modular, Space Projects and MAR Offsite.

Modular housing has significant potential to alleviate the affordable housing shortage. Because modular homes are made in a factory, they take a lot less time than other types of homes. In fact, a standard property can be built in as little as 1-2 weeks. Ilke Homes can install up to six houses per day - much faster than traditionally built properties. Another big advantage is that the weather doesn't stop the work – it can be raining or snowing, and the factory can continue to produce the home, while work on site would have to stop.

Once the home is constructed, it usually takes another 2-4 weeks for the builder to put everything together once it reaches the site. It's during this part that the low weight of Metrotile really comes into its own, helping to keep the weight of the building down during transportation before offering all of the benefits Metrotile is known for once the houses are fully installed. Continuing along the theme of constantly improving our services, Metrotile also recently became a member of the MPBA (Modular & Portable Building Association) to ensure further peace of mind for factory-build specifiers.

Modular and offsite construction isn't exclusive to housing - Metrotile has also been used to roof Fair Isle Bird Observatory and log pod leisure buildings.

Metrotile offers an expansive range of tile profile styles and colours, with a full range of accessories to ensure we offer the right roof for your project. This is all backed up by the know-how of our highly experienced customer care team. For more information about Metrotile Lightweight Roofing, or to get in touch for a free no-obligation quote or discussion, visit www.metrotile.co.uk or call 01249 658514



Historically, Metrotile Lightweight Roofing's low weight - just one seventh of roof materials regarded as 'traditional' such as clay or slates - has ensured the product is an obvious choice where low pressure on supporting structures and/or building foundations is required.

This benefit has seen Metrotile Lightweight Roofing adorn timber frame buildings, rooftops converted from flat to pitched, conservatories and homes extensions and even innovative products such as log pods – factory-built constructions that are as at home as a camping solution as they are a home office.

Metrotile's rising popularity on modular and offsite buildings is predictable when placed in this context. A Metrotile roof on a modular home not only adds the benefits mentioned above, it also increases security and ensures a lower overall weight transportation to site and craning into position.

The latest modular housing fabricator to discover the many benefits of Metrotile Lightweight Roofing is Totally Modular, a company focussed on creating residential homes and with a manufacturing plant located in the West Midlands. Totally Modular ensures rapid speeds for home fabrication, utilising volumetric modular building to meet construction times of just 48 hours – just one of many reasons that modular house building is looked upon by many as a solution to the housing shortages of the UK.



CASE STUDY TOTALLY MODULAR HOMES



So far, Metrotile has been installed on Totally Modular homes in Coventry that utilised the Metrotile Roman profile in Charcoal. Mark Ferriday, Totally Modular's Technical Design Consultant states;

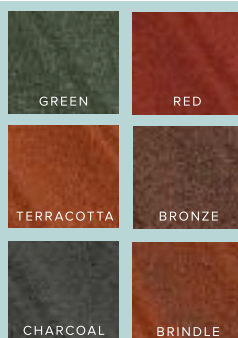
“The decision to go with Metrotile was taken during the last minute of specification, as we were about to order concrete pantiles for the project. We decided to move to a Metrotile roof because of the rapid installation speed, the simplicity of the design and the reduced weight on the modular ring beam. The long life expectancy and forty year guarantee were also deciding factors.”



metrotile Profiles Standard Range

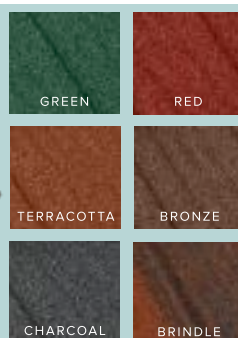


Metrotile Bond .410/.900



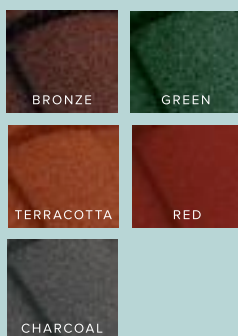
Pitch	10° to 90°
Dimensions	1330mm x 370mm
Weight	Per tile: 2.8Kg / 4.6kg Per m ² : 6.2kg / 9.9kg
Coverage	0.46m ² - 2.15 per m ²

Metrotile Woodshake .410 Slate .900



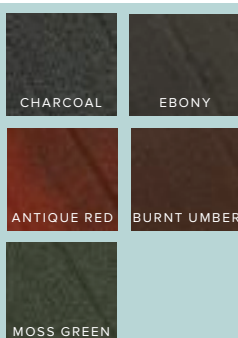
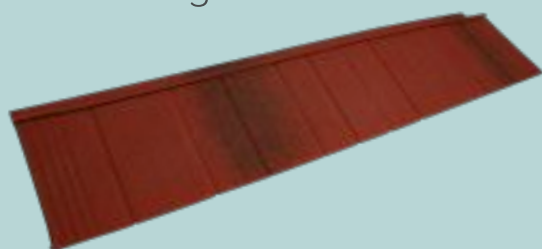
Pitch	12° to 90°
Dimensions	1330mm x 370mm
Weight	Per tile: 2.8Kg / 4.6kg Per m ² : 6.2kg / 9.9kg
Coverage	0.46m ² - 2.15 per m ²

Metrotile Roman .410



Pitch	10° to 90°
Dimensions	1280mm x 370mm
Weight	Per tile: 2.7Kg Per m ² : 6.3kg
Coverage	0.44m ² - 2.21 per m ²

Metrotile Shingle .410



Pitch	15° to 90°
Dimensions	1335 x 300 mm
Weight	Per tile: 1.9Kg Per m ² : 6.1kg
Coverage	0.313 m ² - 3.2 Tiles per m ²

This is our standard selection of tile profiles. **Our tile range is constantly expanding** - contact us to discuss new profiles designs including Gallo, Mistral and iPanel.



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Full range of accessories
available source your
entire roof directly from
Metrotile



UNMATCHED TECHNICAL SUPPORT

metrotile offers modular & offsite manufacturers far more than just roof tiles, offering stronger customer support than our industry rivals. This includes a dedicated Offsite/Modular Technical Manager who provides a hands-on approach, from early estimating to a complete specification service and logistics planning. Metrotile also has a dedicated Training Manager to ensure your installers are ready to take advantage of metrotile's many benefits.

If you are looking for the ideal roofing solution for modular building and the technical expertise to match, please don't hesitate to get in touch via 01249 658514, sales@metrotile.co.uk or www.metrotile.co.uk/contact

Metrotile offers a full specification service that utilises **NBS Plus** and **NBS Create**

We also have our range of **BIM objects** available for free download on the **National BIM Library** and also offer a full range of **CAD details** and **3D renders**

HARNESS ENERGY FROM NATURAL LIGHT

Contact us to discuss our wide range of photovoltaic options

Metrotile is now a proud member of **The Modular & Portable Building Association (MPBA)** – the voice of the modular industry in the UK for 80 years.

Find out more at: www.mpba.biz

For technical details:

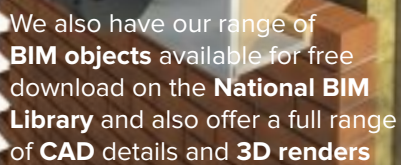
metrotile KNOWLEDGE BASE
knowledgebase.metrotile.co.uk

RIBA-approved CPD seminar available:

SUSTAINABLE LIGHTWEIGHT ROOFING SOLUTIONS

Contact us for further details and booking enquiries

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discuss our wide range
of photovoltaic options**





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