The Imerys Beauvoise 20 Clay Tile

Economical interlocking plain tile and clay slates

- Interlocking plain tile or slate
- 30 year durability guarantee
- Attractive modular size
- Low roof pitch suitability (22.5°)
- Compatible with Imerys PV Modules

Project shown: Slate

Innovation for Sustainable Homes
The Beauvoise 20 is the original interlocking clay plain tile and clay slate, and provides an affordable economical alternative to traditional plain tiles or expensive natural or composite slate. Its unique design not only reduces material and labour costs but over 50% batten savings combined with significant reduction in CO₂ emissions and overall weight per square metre installed. This is all achieved by its coverage of only 20.5 tiles per m² and nominal variable batten gauge of 245mm making the Beauvoise 20 a natural choice for your next project.

Features
A small elegant interlocking plain tile or slate, with an attractive thin leading edge, the Beauvoise 20 provides a cost effective solution with flexible roofing applications both as a plain tile or clay slate.
For practical reasons each tile has been designed with two blind nail holes to enable ease and speed of fixing with excellent mechanical resistance to facilitate pedestrian access with exceptional driven rain performance in high exposure areas with no change in headlap at roof pitches down to 22.5° minimum.
The Beauvoise 20 is an innovative modern tile and has proved to be a natural alternative for new build or renovation projects with maintenance free dry fix options, available in four distinctive appealing colours.

Technical Data

<table>
<thead>
<tr>
<th>The Huguenot Beauvoise 20</th>
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<tbody>
<tr>
<td><strong>Quantity per pallet</strong></td>
<td>480 tiles</td>
</tr>
<tr>
<td><strong>Coverage</strong></td>
<td>20.5 per m² @ 245mm gauge</td>
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<tr>
<td><strong>Nominal variable gauge</strong></td>
<td>242-248mm</td>
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<tr>
<td><strong>Overall length</strong></td>
<td>313mm</td>
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<tr>
<td><strong>Overall width</strong></td>
<td>235mm</td>
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<tr>
<td><strong>Working width</strong></td>
<td>200mm</td>
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<tr>
<td><strong>Minimum headlap</strong></td>
<td>65mm</td>
</tr>
<tr>
<td><strong>Unit weight</strong></td>
<td>2.2kg</td>
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<tr>
<td><strong>Weight per m²</strong></td>
<td>45.10kg</td>
</tr>
<tr>
<td><strong>Minimum roof pitch</strong></td>
<td>22.5°</td>
</tr>
<tr>
<td><strong>Batten coverage m²</strong></td>
<td>4.08 l/m @ 245mm</td>
</tr>
<tr>
<td><strong>Batten sizes</strong></td>
<td>38 x 25mm rafter centres 450mm</td>
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<tr>
<td></td>
<td>50 x 25mm rafter centres 600mm</td>
</tr>
<tr>
<td><strong>Nail size</strong></td>
<td>50 x 3.35mm Aluminium ring shank clout head</td>
</tr>
</tbody>
</table>

Colours

- Slate (011)
- Burnt Red (034)
- Terre de Beauce (099)
- Chevreuse (026)

To overcome any minor shade variation inherent in the firing of natural materials we recommend that you mix the products on site. The colours shown here are colour reproductions and are shown as a guide. Product samples are available on request.

BEAUVOISE SECTION

Steps taken recently to reinforce the market-leading position of the Beauvoise 20 include the introduction of tri-laser technology to ensure a consistently flat surface and a simulated plain tile leading edge. Ease and speed of installation have been enhanced by the addition of double nail holes and variable gauge.
Beauvoise 20 Accessories and Fittings
An extensive range of accessories covering all roofing needs

Complementary Accessories
- Ref 302.01 Half Tile Beauvoise
- Ref 302.20 Ventilating Tile Beauvoise
- Ref 302.31 Pipe Collar Tile
- Pipe Terminal
- Ref 1004 Cowl for Pipe Collar
- Ref 902.96 Left Hand Verge Tile and a Half, Socketed
- Ref 902.95 Right Hand Verge Tile and a Half, Spigoted

Verge Accessories
- Ref 302.80 Left Hand Verge Finishing Tile
- Ref 302.86 Left Hand Verge Finishing Half Tile
- Ref 302.42 Left Hand Cloaked Verge Tile
- Ref 302.41 Right Hand Cloaked Verge Tile
- Ref 809 Ornamental Ridge End Piece
- Ref 824 Ornamental Ridge End, Spigoted

Ridge & Hip Accessories
- Ref 716 Ornamental Interlocking Ridge, 400mm Cover
- Ref 717 Half Round Interlocking Ridge, 400mm Cover
- Ref 824 Ornamental Ridge End, Spigoted
- Ref 758 Gothic Hip, 400mm Cover
- Ref 863 Gothic Hip Foot, 400mm Cover
- Ref 908 3 Way Junction 3 Hips

Ridge & Hip Accessories
- Ref 906 4 Way Junction 4 Hips
- Ref 718 Half Round Ridge, 330mm Cover
- Ref 710 Angular Interlocking Ridge Hip, (3 per linear mtr)
- Ref 801 Angular Interlocking End Piece

PV Modules
- All Beauvoise tiles are compatible with Imerys integrated PV systems

The unique combination of Imerys natural clay roof tiles and Integrated PV System is backed by an industry-leading triple guarantee covering tile durability, aluminium frame corrosion and watertightness and PV Performance (30 years). This unique guarantee from Europe’s leading clay roof tile manufacturer offers future piece of mind for a variety of projects.
Beauvoise 20 Dry Fix and Ventilation
Faster, cleaner, more effective solutions for all roofs

Dry Fix for Interlocking Ridges, Hips and Verges

Installation Guidelines
Beauvoise clay tiles should, in accordance with good working practice, be selected from at least three pallets. Tiles should be installed in accordance with BS 5534 (2003), Code of Practice for Slating and Tiling and BS 8000 part 6 (1990), Workmanship on Building Sites.

Fixing guidelines for the installation of Beauvoise tiles under a variety of conditions may be found in the Zonal Fixing section of our website www.imerys-rooftiles.com

The NHBC has now made the dry fixing of all mortar bedded ridges and hips mandatory, supplementary mechanical fixing is now required.

Imerys roof tiles provide dry fix solutions for all ridges, hips, and verge areas. The result is faster, cleaner, and more effective.

Alternatively the Imerys Uniroll can be used to comply with roof space ventilation requirements of Building Regulations Approved Document C2 and BS 5250.

Imerys Uniroll is an innovative universal dry fixed ventilated ridge and hip system. Manufactured entirely from aluminium, it overcomes the durability and weathering problems associated with other fabric based roll ridge systems.

- All aluminium construction.
- Can be used to provide a ventilation area equivalent to 5,000mm²/m at high level.
- Suitable for all ridge and hip profiles.
- Quick and easy to install.
- Ventilated and driving rain resistant.
- Available in red, brown or anthracite 300mm or 350mm width.
- Handy 5m pack.

The optional Air-Flex Interlocking Ridge Undercloak is a breathable undercloak designed for interlocking ridges

- Polypropylene
- Working length of 100cm
- Free air space of 1860cm² per m
- Available in red or black.

Ventilation Options


The level of ventilation depends firstly on the roof design, cold or warm roof construction, the type of membrane being used, vapour permeable/breathable or impermeable underlays, roof pitches above or below 35° or roof spans that exceed 10 metres.

As a guide for most situations ventilation should be introduced at eaves or low level of 10,000 or 25,000 mm³/m and 5,000mm³/m at ridge or high level, with spacings at 1 or 2 metres respectively.

Imerys provide two continuous dry vent ridge options, Uniroll and Air-Flex, also independent in line concealed upvc ridge and tile ventilators which all have large net free ventilation area >10,000mm².

BEAUVOISE SECTION WITH CLOAKED VERGE TILES
Imerys has a corporate policy for sustainable development, making environmental and social implementation a key component of the group’s performance. Strict standards are in place for its manufacturing units in terms of emissions, water and waste management.

The Group has undertaken an ambitious programme to improve its plants’ energy efficiency and a number of projects using alternative energy sources have been launched. A commitment to the reduction of carbon emissions is ongoing.

This involves major investment in the installation of special filters to the exhaust outlets of all our factories, with the objective of reducing and almost eliminating harmful air pollutants such as sulphur and fluoride.

Imerys ensures the responsible environmental management of its quarries, taking care to restore the landscape thereby creating valuable wildlife habitats. This restoration of quarry areas also creates lakes, forests and heathland which provide leisure and recreational facilities for our neighbours – the local community with whom we work closely to develop partnerships in order to identify and satisfy local needs.
The Imerys Beauvoise 20 Clay Tile

Ideal for new buildings and refurbishment projects

Beauvoise Chevreuse

Beauvoise Burnt Red