The Imerys Panne H2 Clay Pantile
Beautiful, traditional interlocking pantiles

- Attractive modular size
- Extensive range of colours
- Ideal for renovation and new build
- 30 year durability guarantee
- Compatible with Imerys PV Modules

Project shown: Natural Red and Mix

Innovation for Sustainable Homes
The Imerys Panne H2 Clay Pantile

Beautiful, traditional interlocking pantiles

The Imerys Panne H2 is a clay interlocking pantile produced at Pargny Sur Saulx in the Champagne region of France. This model, as with all made by Imerys RoofTiles, bears the hallmark of distinction of a world leader supported by technological excellence at all 13 manufacturing locations.

Features

The Panne H2 is a technically advanced traditional clay pantile which combines a beautiful, smooth surface with stunning good looks and outstanding performance on roof pitches as low as 17.5°.

Available in five eye catching colours, the Panne H2 is supported by a range of matching accessories and is suitable for traditional or modern dry-fix installation.

Colours

<table>
<thead>
<tr>
<th>Color</th>
<th>Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural Red</td>
<td><img src="image1" alt="Natural Red (073)" /></td>
</tr>
<tr>
<td>Dark Brown</td>
<td><img src="image2" alt="Dark Brown (115)" /></td>
</tr>
<tr>
<td>Burnt Red</td>
<td><img src="image3" alt="Burnt Red (034)" /></td>
</tr>
<tr>
<td>Slate</td>
<td><img src="image4" alt="Slate (011)" /></td>
</tr>
<tr>
<td>Black Gloss</td>
<td><img src="image5" alt="Black Gloss (042)" /></td>
</tr>
</tbody>
</table>

Technical Data

<table>
<thead>
<tr>
<th>The Panne H2</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantity per pallet</td>
<td>300 tiles</td>
</tr>
<tr>
<td>Coverage</td>
<td>14 per m²</td>
</tr>
<tr>
<td>Nominal gauge</td>
<td>360mm</td>
</tr>
<tr>
<td>Overall length</td>
<td>432mm</td>
</tr>
<tr>
<td>Overall width</td>
<td>255mm</td>
</tr>
<tr>
<td>Working width</td>
<td>197mm</td>
</tr>
<tr>
<td>Minimum headlap</td>
<td>72mm</td>
</tr>
<tr>
<td>Unit weight</td>
<td>3.2 kg</td>
</tr>
<tr>
<td>Weight per m²</td>
<td>44.8kg</td>
</tr>
<tr>
<td>Minimum roof pitch</td>
<td>17.5°</td>
</tr>
<tr>
<td>Batten coverage m²</td>
<td>2.68 l/m</td>
</tr>
<tr>
<td>Batten sizes</td>
<td>38 x 25mm rafter centres 450mm</td>
</tr>
<tr>
<td></td>
<td>50 x 25mm rafter centres 600mm</td>
</tr>
<tr>
<td>Nail size</td>
<td>50 x 3.35mm Aluminium ring shank clout head</td>
</tr>
</tbody>
</table>

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.
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.
Dry Fix Option for Interlocking Ridge and Hips

Installation Guidelines
Panne H2 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 Panne H2 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 mm²/m and 5,000mm²/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.
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 Panne H2 Clay Pantile

Ideal for new buildings and refurbishment projects

Panne H2 Slate

Panne H2 Natural Red

Panne H2 Burnt Red

IMERYS Roof tiles