

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



IMERYS
Roof tiles

The Imerys Beauvoise 20 Clay Tile

Economical clay plain tiles and slates from Imerys



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.

Colours



Slate (011)



Burnt Red (034)



Terre de Beauce (099)



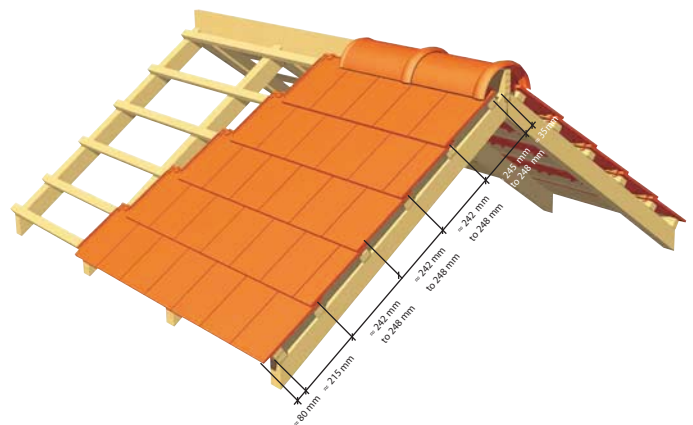
Chevreuse (026)

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.

Technical Data

The Huguenot Beauvoise 20	
Quantity per pallet	480 tiles
Coverage	20.5 per m ² @ 245mm gauge
Nominal variable gauge	242-248mm
Overall length	313mm
Overall width	235mm
Working width	200mm
Minimum headlap	65mm
Unit weight	2.2kg
Weight per m ²	45.10kg
Minimum roof pitch	22.5°
Batten coverage m ²	4.08 l/m @ 245mm
Batten sizes	38 x 25mm rafter centres 450mm 50 x 25mm rafter centres 600mm
Nail size	50 x 3.35mm Aluminium ring shank clout head

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



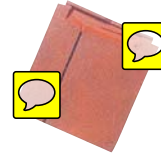
Ref 302.31
Pipe Collar
Tile



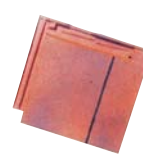
Pipe Terminal



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



Beauvoise Slate Ridge and Valley Section

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 (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.

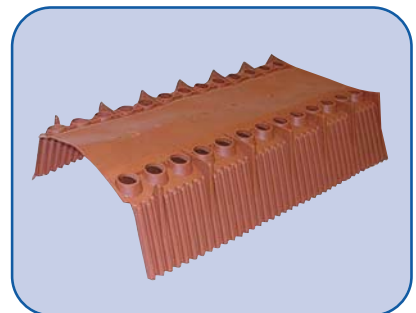
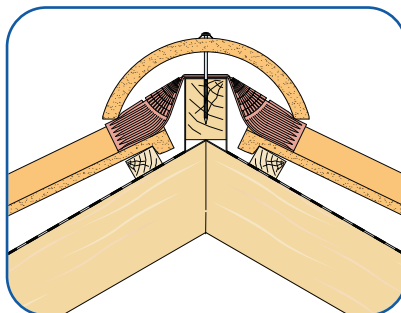
Alternatively the Imerys Uniroll Can be used to comply with roof space ventilation requirements of Building Regulations Approved Document C2 and BS 5250.



Stainless Steel Ridge Screws



Imerys 409 75x48 Tile Clip
Also available: Eave and verge clips



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

Roof Ventilation should comply with building regulations and the control of condensation on buildings outlined in BS 5250:2002 and approved document C2: 2002.

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.



Tile Vent
Capacity 10,000mm²
Minimum pitch 22.5°

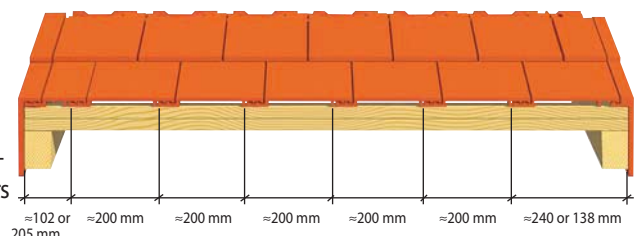


Low Line Ridge Vent
10,000mm²/m



Low Line Interlocking Ridge Vent 10,000mm²/m

BEAUVOISE SECTION WITH CLOAKED VERGE TILES



≈102 or 205 mm ≈200 mm ≈200 mm ≈200 mm ≈200 mm ≈200 mm ≈240 or 138 mm

Imerys Environmental Statement

Our commitment to sustainable development



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.



Beauvoise Slate



30 Year Guarantee

Imerys Roof Tiles are covered by a comprehensive 30 year guarantee of durability provided that they have been installed in compliance with BS 5534 part 1 (2003) code of practice for slating and tiling. BS 8000 (1990) part 6 workmanship on building sites. The fixing of roof tiles should comply with wind loads appropriate to the site location and roof design, and calculated in accordance with BS EN 1991-1-4 to resist possible wind uplift.

The Imerys Beauvoise 20 Clay Tile

Ideal for new buildings and refurbishment projects



Beauvoise Chevreuse



Beauvoise Burnt Red



Technical Seminars
now available



National Building Specification Clauses (NBS)

All essential clauses for Imerys roof specifications are available, detailing all work items in section H65 'Single lap roof tiling' and H60 'Plain roof tiling'. www.imerys-rooftiles.com

BS EN 1304 (2005)

Imerys Roof Tiles meet all the requirements of this Euro norm.



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