

# The Imerys Monopole Clay Roof Tile

Traditional roman interlocking clay roof tiles



- ▶ Discreet modular size
- ▶ Wide range of attractive colours
- ▶ Ideal for new buildings and renovation
- ▶ 30 year durability guarantee
- ▶ Compatible with Imerys PV Modules

Project shown: Vieux Nord



Innovation for Sustainable Homes

**IMERYS**  
Roof tiles

# The Imerys Monopole Clay Roof Tile

Traditional roman interlocking tile



Ref 306

The Imerys Monopole Tile No.1 is a traditional single roman interlocking clay roof tile produced at Wardrecques in the north of France.

Economical and versatile, the small modular size of the Monopole makes it ideal for a wide range of refurbishment and new build projects, offering impressive cost savings over all concrete plain tiles.

## Colours

Available in six eye catching colours, the Monopole is supported by a range of matching accessories.



Natural Red (076)



Rustic Red (006)



Weathered (109)



Satin Black (050)



Vieux Nord pre-mixed blend (119)



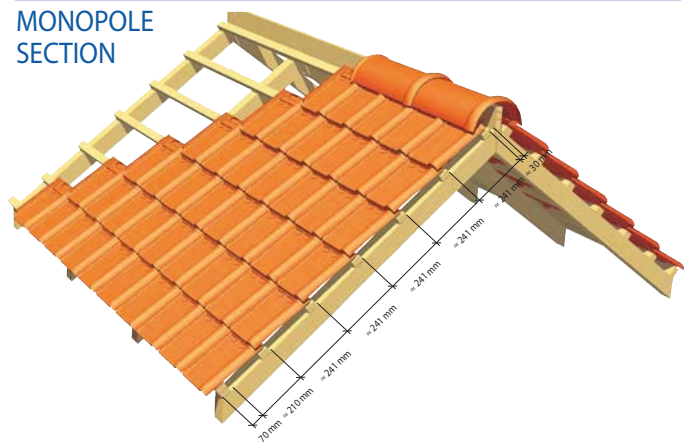
Burnt Red (034)

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

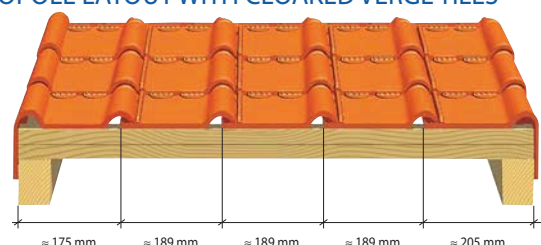
## Technical Data

The Imerys Monopole	
Quantity per pallet	600 tiles
Coverage	22 per m <sup>2</sup>
Nominal gauge	241mm
Overall length	297mm
Overall width	215mm
Working width	189mm
Minimum headlap	59mm
Unit weight	2kg
Weight per m <sup>2</sup>	44kg
Minimum roof pitch	25°
Batten coverage m <sup>2</sup>	4.15 l/m
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

### MONOPOLE SECTION



### MONOPOLE LAYOUT WITH CLOAKED VERGE TILES



# Monopole Accessories and Fittings

An extensive range of accessories offering attractive design options

## Complementary Accessories



Ref 306.01  
Half Tile



Ref 306.21  
Ventilation Tile



Ref 306.30  
Pipe Collar Tile



Pipe Terminal



Ref 1003  
Lantern



Ref 306.90  
Left Hand Verge  
Double Roll Tile  
(special order)



Ref 306.71  
Left Hand  
Cloaked Verge

## Verge Accessories



Ref 306.70  
Right Hand  
Cloaked Verge



Ref 306.42  
Left Hand  
Independent Verge



Ref 306.41  
Right Hand  
Independent Verge

## Ridge & Hip Accessories



Ref 722  
Gothic Hip/Ridge



Ref 717  
Half Round  
Interlocking  
Hip/Ridge



Ref 869  
Half Round  
Interlocking  
Hip/Ridge

## Ridge & Hip Accessories



Ref 758  
Gothic Hip  
(2.5 per linear mtr)



Ref 863  
Gothic  
Hip End



Ref 757  
Interlocking  
Half Round Hip  
(3 per linear mtr)



Ref 862  
Half Round  
Interlocking  
Hip End Finishing



Ref 718  
Non-Interlocking  
Half Round Ridge



Ref 807  
Half Round  
Ridge End Cap

## Ridge & Hip Accessories



Ref 810  
Ornamental  
Ridge End



Ref 908  
3 Way Junction  
3 Hips

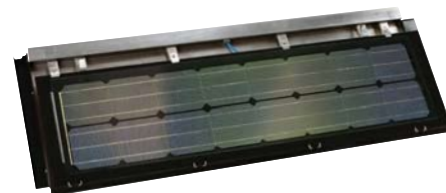


Ref 982  
2 Piece Finial



Ref 981  
3 Piece Finial

## PV Modules



All Monopole 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.



# Monopole Dry Fix and Ventilation

Faster, cleaner, more effective solutions for your roof

## Dry Fix for Interlocking Ridges, Hips and Verges

### Installation Guidelines

Monopole 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 Monopole tiles under a variety of conditions may be found in the Zonal Fixing section of our website [www.imerys-rooftiles.com](http://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.

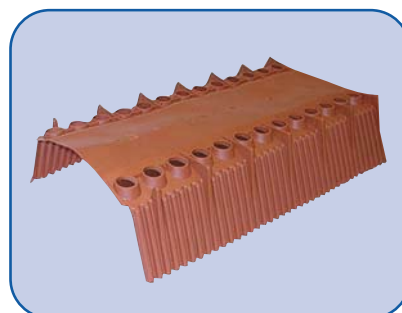
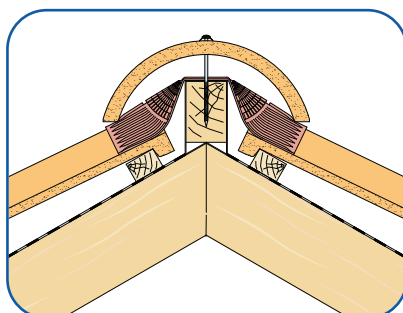
Alternatively the Imerys Uniroll Can be used to comply with roof space ventilation requirements of Building Regulations Approved Document C2 and BS 5250.



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 5,000mm<sup>2</sup>/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 1860cm<sup>2</sup> 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 BS5250:2002 and approved document C2: 2004.

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 mm<sup>2</sup>/m and 5,000mm<sup>2</sup>/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 :10,000mm<sup>2</sup>.



Tile Vent  
Capacity 10,000mm<sup>2</sup>  
Minimum pitch 25°



Low Line Ridge Vent  
Capacity 10,000mm<sup>2</sup>

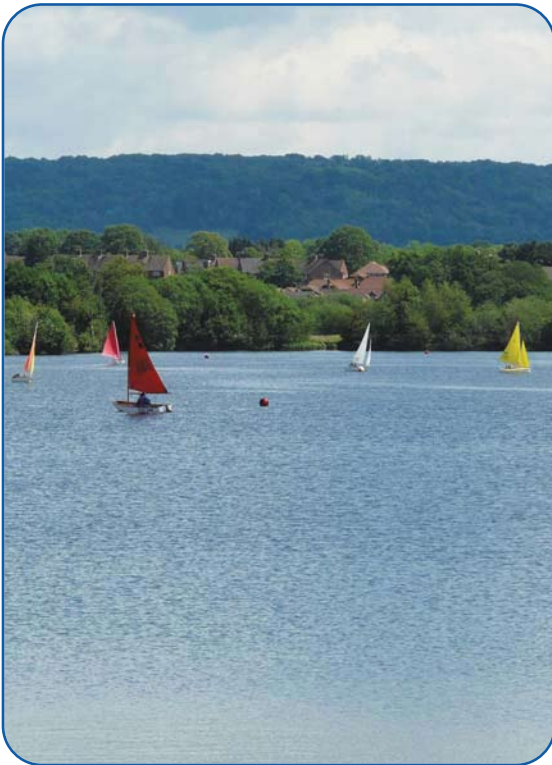


Low Line Interlocking Ridge Vent  
Capacity 10,000mm<sup>2</sup>

Spacing centres to achieve ventilation area of 5,000mm<sup>2</sup>/m :2.0 metres or 1.0 metre centres for 10,000mm<sup>2</sup>/m  
Minimum roof pitch: 17.5°

# 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.



Monopole Weathered



## 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 Monopole Clay Roof Tile

Ideal for new buildings and refurbishment projects



Monopole Rustic Red



Monopole Natural Red



Monopole Weathered



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](http://www.imerys-rooftiles.com)

## BS EN 1304 (2005)

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



Telephone 0161 928 4572 Fax 0161 929 8513

Email [enquiries.rooftiles@imerys.com](mailto:enquiries.rooftiles@imerys.com)

[www.imerys-rooftiles.com](http://www.imerys-rooftiles.com)

Imerys Roof Tiles, Toekomststraat 18, B-9800 Deinze, Belgium