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# The IMERYS Phalempin Clay Plain Tile

Continuing a tradition of excellence in clay plain tiles

- ▶ Beautiful traditional colours and textures
- ▶ Low 30° roof pitch guarantee
- ▶ Unique anti-capillary channels
- ▶ Comprehensive 30 year durability guarantee
- ▶ Pre-mixed blend options

Project shown: Val de Seine



**IMERYS**  
Roof tiles

INNOVATION FOR SUSTAINABLE HOMES



# The Phalempin 17x27 Clay Plain Tile

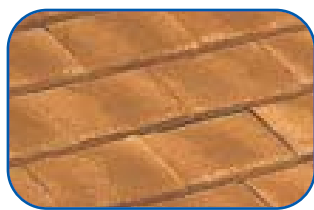
Huguenot Clay Plain Tiles from IMERYS



The 17x27 Plain Tile is a highly appealing traditional clay plain roof tile produced at Phalempin in the north of France. The mellow, textured surface combines the beautiful appearance of mature handmade tiles with affordable prices. Unique anti-capillary channels ensure enhanced performance and peace of mind at pitches as low as 30°.

## Colours

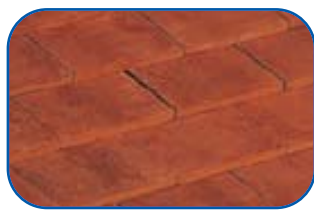
Phalempin is available in a number of attractive colours, which may be used individually or mixed on site to create your own distinctive blend. Millennium and Vintage are supplied pre-mixed.



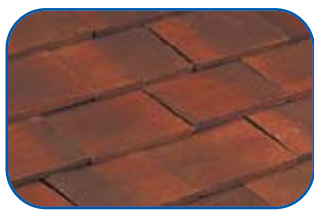
Amber (007)



Weathered (110)



Rustic Red (006)



Volcano (122)



Val de Seine (104)



Natural Red  
(Special Order Only)



Vintage (145)  
(pre-mixed blend)



Millennium (132)  
(pre-mixed blend)

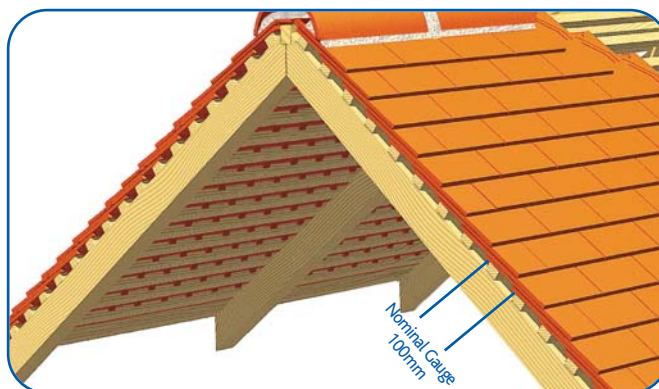
To overcome any minor shade variation inherent in the firing of natural materials we recommend that you mix the products on site. The colours shown here are colour reproductions and are shown as a guide. Product samples are available on request.

## Technical Data

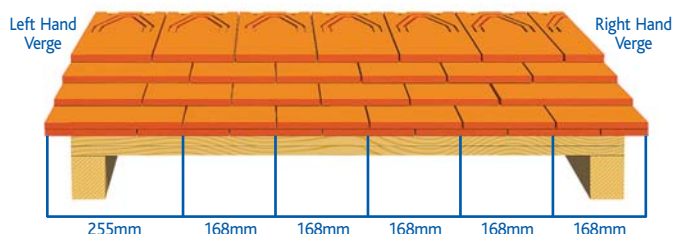
The Phalempin 17x27	
Quantity per pallet	1,088 tiles
Coverage	60 per m <sup>2</sup>
Nominal gauge	100mm (Vertical 115mm)
Minimum headlap	70mm at 100mm gauge
Unit weight	1.1kg
Weight per m <sup>2</sup>	65kg
Minimum roof pitch	30° †
Batten coverage	10m per m <sup>2</sup>
Batten size	25x38mm
Nail size	40x3mm Alloy

† as tested at the BRE.

## Layout



TYPICAL INSTALLATION LAYOUT



# Phalempin Accessories and Fittings

An extensive range of accessories covering all roofing needs

## Tile Accessories



Ref 500.20  
Tile Vent  
(Cap. 23cm<sup>2</sup>)



Pipe Terminal

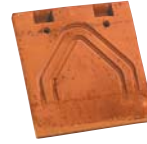
Flanged UPVC adapter which connects the soil pipe into the clay pipe collar tile. 17x27 plain tile requires the 100mm version.



Ref 500.30  
Pipe Collar Tile



Ref 1003  
Lantern



Ref 500.13  
Eave Tile



Ref 500.95  
Tile and a Half



Ref 500.95  
Half Tile

## Ridge and Hip Accessories



Ref 500.44  
Left Hand  
Independent  
Cloaked Verge



Ref 500.45  
Right Hand  
Independent  
Cloaked Verge



Ref 500.146  
Universal Valley  
(30°-45°)



Ref 718  
Half Round Ridge  
(Length 330mm)



Ref 807  
Half Round Ridge  
End



Ref 719  
Hog's Back Ridge  
(Length 330mm)



Ref 808  
Hog's Back  
Ridge End Piece



Ref 759  
French Hip



Ref 760  
Bonnet Hip



Ref 864  
French Hip End



Ref 927  
Three Way  
Junction Half  
Round



Ref 919  
Three Way Junction  
Hog's Back



Ref 925  
French Hip Cap  
(Four Way)



Phalempin Val de Seine with traditional half round ridge



# Phalempin Dry Fix and Ventilation

Faster, cleaner, more effective solutions for all roofs

## Dry Fix for Interlocking Ridges, Hips and Verges



Phalempin dry vent ridge section

NHBC Standards Part 7 Roofs, Chapter 7.2 Pitched roofs 1st January 2012 states: "Where ridge and hip tiles are bedded on mortar they should be mechanically fixed."

However, IMERYS strongly recommends dry fix solutions for all ridges, hips and verges. Dry fix solutions are a faster, cleaner and more effective option.

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

### Installation Guidelines

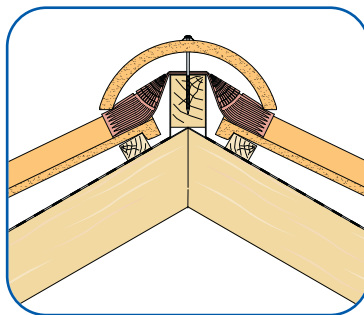
Phalempin tiles should, in accordance with good working practice, be selected from at least three pallets. Tiles should be installed in accordance with BS EN 5534:2014, Code of Practice for Slating and Tiling and BS8000-6: 2013, Workmanship on Building Sites.

Fixing guidelines for the installation of Phalempin clay plain 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)



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

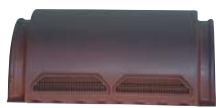
- Can be used to provide a ventilation area equivalent to 5,000mm<sup>2</sup>/m at high level.
- Suitable for all ridge and hip profiles.
- Quick and easy to install.
- Ventilated and driving rain resistant.
- Available in red or grey.
- 300mm width.
- Handy 6m pack.



## Ventilation Options



Tile Vent  
10,000mm<sup>2</sup>/m



Ridge Vent  
10,000mm<sup>2</sup>/m

Ventilation should be in accordance with BS EN 5534:2014 Code of Practice for Slating and Tiling and BS 5250 (2011) Code of Practice for the Control of Ventilation.

Depending of roof design and the membranes used, IMERYS can provide independent UPVC Ridge Vents or continuous dry vent ridge systems for high level ventilation. Individual UPVC roof tile vents are available for all IMERYS profiles.

These may also be used for soil vent extraction to meet the new requirements of the Building Regulation Approved Document C2: amended July 2013.

Spacings for the above IMERYS vents to achieve 5,000mm<sup>2</sup>/m: 2.0m at high level.



Phalempin in line tile vents





Phalempin Val de Seine Project by Red Admiral Homes



Phalempin Weathered



Phalempin Amber

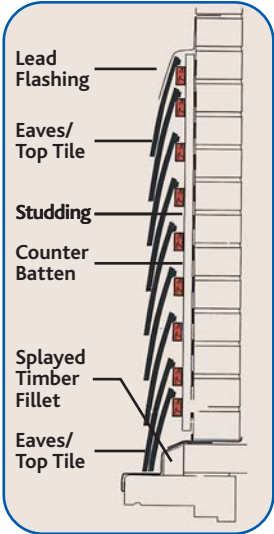


# Phalempin Vertical Tiling

Create eye-catching decorative features

Phalempin tiles may also be laid on vertical surfaces to create eye-catching decorative features, adding character to both new build and refurb projects.

The Phalempin range includes a number of accessories designed to enhance vertical installations, including the decorative Ornamental Club Tile (Ref 500.52) and Vertical Angle Tiles (Refs 500.53 and 500.54).



Recommended batten gauge for vertical tiling in areas of moderate exposure 115mm





# 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 emission, water and waste management.

IMERYS ensure responsible environmental management of our quarries, restoration of the landscape, creating valuable wildlife habitats, thus increasing the ecological value, as well as recreation of heathland areas including forestry, replanting with the regeneration of farm land and new leisure areas.

IMERYS intends to help improve living conditions in its activities; neighbouring communities working directly with local populations, site managers take action in line with local needs and in partnership with authorities and organisations.

Products from the IMERYS range have excellent environmental credentials and can achieve an A+ rating in the Building Research Establishment's (BRE) Green Guide to Specification and BES 6001 Responsible Sourcing. This combination with our BES EN 14001 Environmental Management Systems ensure IMERYS products achieve a low carbon footprint to meet the requirements of Code 4 and beyond of the Code for Sustainable Homes.



## Phalempin Blends and Mixes



Phalempin Millennium Pre-mixed Blend

Stunning results can be achieved by mixing different colours of Phalempin. Good practice requires that tiles from at least three different pallets be mixed when roofing so why not formulate your own mix using different colours?

To find out more about the possibilities this tile offers, please ask your IMERYS stockist for a copy of our Phalempin Mixes brochure.



Phalempin Horsham Mix



Phalempin Berkshire Blend





Phalempin Vintage



Phalempin Rustic Red



Selected Products



BS EN 1304



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\* IMERYS roof tiles have excellent environmental credentials and can achieve an A+ Rating in the Building Research Establishment's (BRE) Green Guide to Specification

NBSPlus

### 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'. IMERYS provide detailed fixing advice for the nailing and clipping of all our roof tiles on submission of your project drawings, including site plan and roof elevations in Dwg or PDF format.



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