

Uniclass	L5211		
Cl/SfB	(47)	Ng2	

# The IMERYS HP17 Clay Tile

Modern, interlocking small format clay tile

**NEW  
MODEL!**

- ▶ Variable gauge for ease of installation
- ▶ Low 20° roof pitch guarantee
- ▶ High mechanical resistance
- ▶ Attractive tapered leading edge
- ▶ Compatible with IMERYS PV Modules

Tiles shown: Slate



**IMERYS**  
Roof tiles

INNOVATION FOR SUSTAINABLE HOMES

# The IMERYS HP17 Clay Tile

Economical, interlocking clay plain tile / slate



The HP17 is a small format interlocking tile with an attractive tapered leading edge, and is designed to be installed quickly and efficiently due to its adjustable batten gauge from 222-285mm and double nail hole facility.

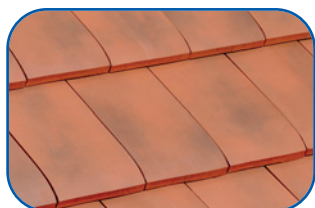
A large range of accessories complement its modern appeal, offering excellent dry fix options at ridge, hips and verges ensuring a long-term maintenance free durable roof, supported by our comprehensive 30 year insurance backed durability guarantee. The HP17 has a smooth surface finish in a variety of permanent colours, one of the many undeniable qualities of natural fired clay.

## Features

This small format, interlocking tile, which is both elegant and economical, is popular because of its technical characteristics, offering an attractive solution both in terms of cost and ease of installation, thanks to its variable gauge. The HP17 also includes double nail holes for easier fixing at roof pitches as low as 20°.

The modern design of the HP17 offers high durability and technically superior performance even in the most severe weather conditions providing an economical solution for restoration or new-build projects available in five distinct colours to adorn the roofs of your region.

## Colours



Burnt Red (034)



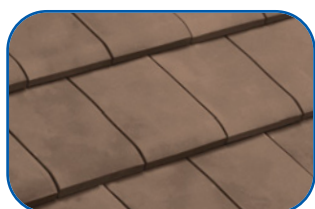
Slate (011)



Terre de Beauce (099)



Chevreuse (026)



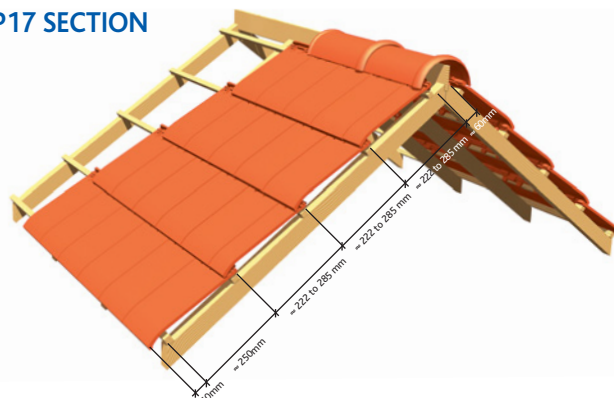
Brown (115)

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.

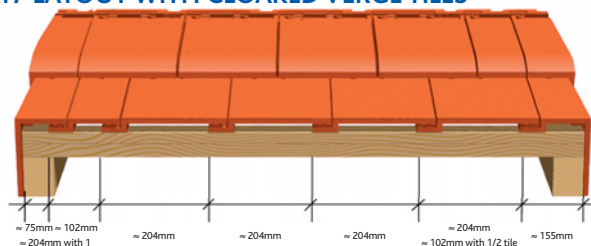
## Technical Data

The HP17	
Quantity per pallet	420 tiles
Coverage	17.2 per m <sup>2</sup> @ 285mm gauge
Nominal variable gauge	222mm (min) - 285mm (max)
Overall length	358mm
Overall width	246mm
Working width	204mm
Minimum headlap	73mm
Unit weight	2.6kg
Weight per m <sup>2</sup>	44.7kg
Minimum roof pitch	20°
Batten coverage m <sup>2</sup>	3.5 l/m @285mm gauge
Batten sizes	38 x 25mm rafter centres 450mm 50 x 25mm rafter centres 600mm
Nail size	50 x 3.35mm Alloy

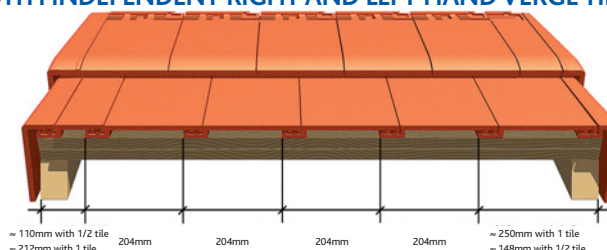
### HP17 SECTION



### HP17 LAYOUT WITH CLOAKED VERGE TILES



### WITH INDEPENDENT RIGHT AND LEFT HAND VERGE TILES



# HP17 Accessories and Fittings

An extensive range of accessories covering all roofing needs

## Complementary Accessories



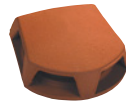
Ref 325.20  
Ventilating  
Tile



Ref 325.30  
Pipe Collar  
Tile



uPVC Connector  
Pipe for Pipe  
Collar Tile



Ref 1000  
Cowl for Pipe  
Collar Tile Ø 120  
and Ø 150



Ref 325.01  
Half Tile



Ref 325.70/325.71  
Cloaked Verge Tile  
(Right/Left)



Ref 809  
Ornamental Ridge  
End Piece, Socketed

## Verge Accessories



Ref 807  
Half Round Ridge  
End Piece, Socketed



Ref 801  
Angular Ridge  
End piece



Ref 310.44  
Left Hand Independent  
Cloaked Verge Tile  
(1 tile per course)



Ref 310.43  
Right Hand Independent  
Cloaked Verge Tile  
(1 tile per course)



Ref 710  
Angular  
Interlocking  
Ridge/Hip



Ref 859  
Angular  
Hip Foot



Ref 716  
Ornamental  
Interlocking Ridge

## Ridge & Hip Accessories

## Ridge & Hip Accessories



Ref 824  
Ornamental  
Interlocking  
Hip End



Ref 717  
Half Round  
Interlocking Ridge  
(2.5 per m)



Ref 869  
Half Round  
Interlocking  
Ridge End



Ref 718  
Half Round Non-  
interlocking Ridge



Ref 758  
Gothic Hip  
(2.5 per m)



Ref 863  
Gothic Hip Foot



Ref 757  
Interlocking Third Round  
Hip (3 per linear mtr)  
(Slate and Burnt Red only)

## Ridge & Hip Accessories



Ref 862  
Third Round  
Interlocking Hip  
End Finishing  
(Slate and Burnt Red only)



Ref 901  
Small Junction and  
Finial Base with  
4 Angular Openings



Ref 903  
Small Junction & Finial  
Base with 3 Small  
Angular Openings



Ref 906  
Junction and Finial  
Base with 4 Round  
Openings



Ref 908  
Junction and Finial  
Base with 3 Round  
Openings

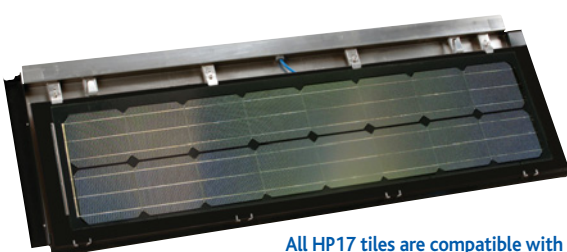


Ref 981  
Finial Large Model  
Ref 982  
Finial Small Model



Ref 983  
Slender Finial  
Ref 984  
Pine Cone Finial

## PV Modules



All HP17 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.





# HP17 Dry Fix and Ventilation

Faster, cleaner, more effective solutions for your roof

## Dry Fix Option for Interlocking Ridge, Hips and Verges

### Installation Guidelines

HP10 clay tiles should, in accordance with good working practice, be selected from at least three pallets. Tiles should be installed in accordance with BS5534:2003, Code of Practice for Slating and Tiling and BS8000-6: 2013, Workmanship on Building Sites.

To ensure the correct fixing specification for HP10 tiles on your project please contact us and we will provide, free of charge, a full NBS and IMERYS fixing specification. All that is required is a full set of drawings and a site address. Contact: enquiries.rooftiles@imerys.com.

**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.



Stainless Steel Ridge Screws

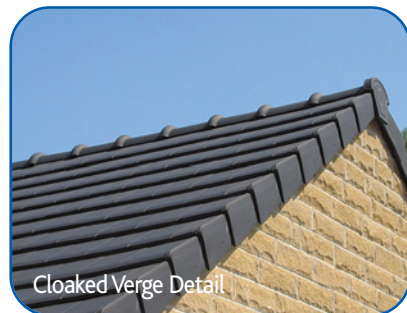
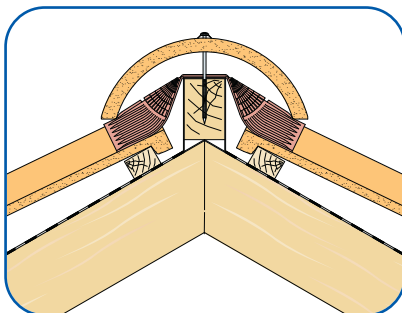


IMERYS 409 65x48 Tile Clip  
Also available: Eave and verge clips



Hip Clip  
Ref: 512004

*Hip clip 512004 should be used with dry hip system to secure cut tiles where the nail hole has been cut off*



Cloaked Verge Detail

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.



HP17 with Interlocking Dry Fix Ridge

## Ventilation Options

Ventilation should be in accordance with BS 5534 (2003) Code of Practice for Slating and Tiling and BS 5250 (2011) Code of Practice for the Control of Ventilation.

Depending on 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 2010: Amended July 2013.

To achieve the equivalent of a continuous 5mm ventilation gap at the ridge line, one 10,000mm<sup>2</sup> free air space UPVC ridge vent should be installed every 2 metres.

Alternatively, 10,000 mm<sup>2</sup> free air space tile vents may be installed at high level, near the ridge at 2 metre intervals.



uPVC Inline Tile Vent  
10,000mm<sup>2</sup>  
Minimum pitch 22.5°



uPVC Cowl Tile Vent  
10,000mm<sup>2</sup>  
(Guaranteed down to a 20° roof pitch)

**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

# 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.

When you select products from the IMERYS range, you can be sure that they 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.



HP17 Slate with Angular Ridge/Hip (ref 710)



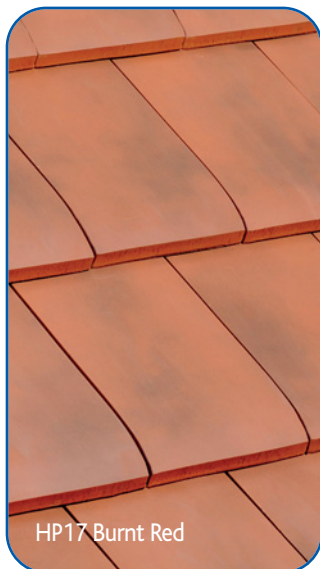
## 30 Year Guarantee

IMERYS Roof Tiles are covered by a comprehensive 30 year guarantee of durability provided that they have been installed in compliance with BS5534: 2003, BS6399 Part 2:1997 and BS8000-6: 2013 Workmanship on Building Sites. All tiles should be selected from three palettes to ensure a good colour mix. The fixing of roof tiles should comply with wind loads appropriate to the site location and roof design.

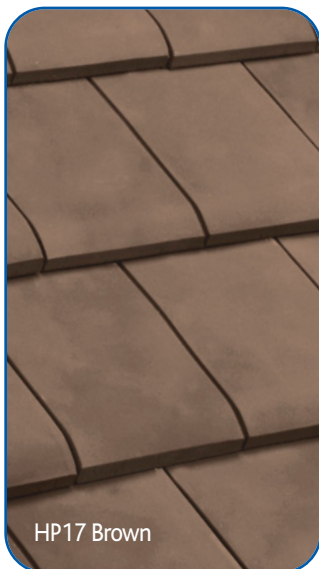


# The IMERYS HP17 Clay Tile

Ideal for new buildings and refurbishment projects



HP17 Burnt Red



HP17 Brown



HP17 Terre de Beauce



HP17 Chevreuse



HP17 Slate



\* 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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