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The IMERYS Double HP20 Clay Tile

Large format interlocking clay roof tiles

- ▶ Innovative, economical design
- ▶ Tapered leading edge
- ▶ Variable gauge
- ▶ 30 year durability guarantee
- ▶ Compatible with Imerys PV modules

Project shown: Vallée de Chevreuse



IMERYS
Roof tiles

INNOVATION FOR SUSTAINABLE HOMES

The IMERYS Double HP20 Clay Tile

Combining small format aesthetics with large format economy



Ref 209

The result of imaginative product design and state-of-the-art technology, the IMERYS Double HP20 combines the appealing aesthetics of a small format tile with the economy and ease of installation of a large format model.

High visual appeal is ensured by the presence of a discretely tapered leading edge and water tightness is assured on roof pitches as low as 17.5° thanks to high performance double interlocks.

Features

A large, flat clay tile, the Double HP20 has a thin, tapered leading edge. It is laid broken bonded and is supported by a comprehensive range of matching fittings and accessories.

With an impressive coverage of only 9.5 tiles per m², the Double HP20 combines a variable gauge with a choice of nailing positions to deliver an outstanding tile with real speed and economy of installation.

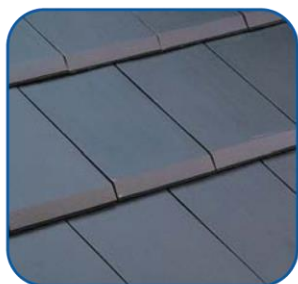
Colours



Burnt Red (034)



Vallée de Chevreuse (026)



Slate (011)



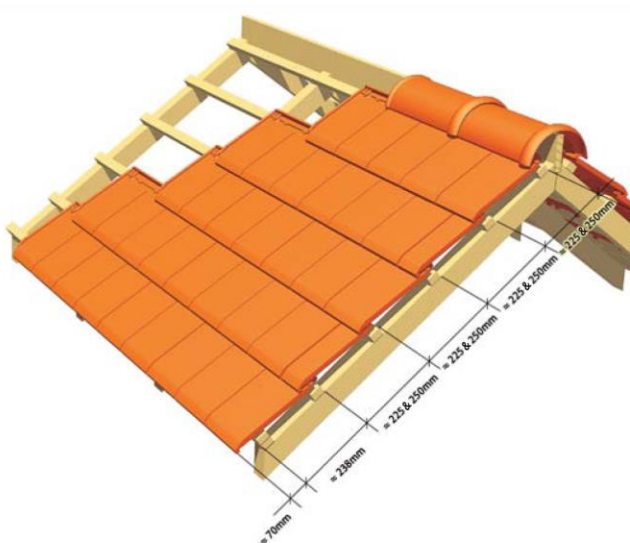
Terre de Beauce (099)

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 Double HP20	
Quantity per pallet	240 tiles
Coverage	9.5 per m ² @ 250mm gauge
Nominal variable gauge	225-250mm
Overall length	330mm
Overall width	460mm
Working width	418mm
Minimum headlap	80mm
Unit weight	4.3kg
Weight per m ²	41kg @ 9.5 m ²
Minimum roof pitch	17.5°
Batten coverage m ²	4.00 l/m @ 250mm
Batten sizes	38 x 25mm rafter centres 450mm 50 x 25mm rafter centres 600mm
Nail size	50 x 3.35mm

DOUBLE HP20 SECTION



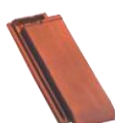
Double HP20 Accessories and Fittings

An extensive range of accessories covering all roofing needs

Complementary Accessories



Ref 209.01
Half Tile



Ref 209.02
Quarter Tile



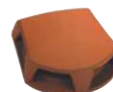
Ref 209.20
Ventilating Tile



Ref 209.30
Pipe Collar Tile



Pipe Terminal
(for use with 209.30)



Ref 1000
Cowl for
Pipe Collar Tile



Ref 1001/1003
Lanterns

Verge Accessories



Ref 209.42/209.41
Independent Verge
Tile (Left)/(Right)



Ref 724
Monoridge



Ref 716
Ornamental
Interlocking Ridge,
400mm Cover



Ref 717
Half Round
Interlocking Ridge,
400mm Cover



Ref 824
Ornamental
Interlocking Hip End



Ref 758
Gothic Hip,
400mm Cover



Ref 863
Gothic Hip Foot,
400mm Cover

Ridge & Hip Accessories

Ridge & Hip Accessories



Ref 869
Half Round
Interlocking
Finishing Ridge



Ref 718
Half Round Non-
interlocking Ridge



Ref 710
Angular Ridge



Ref 859
Angular
Hip Foot



Ref 807
Half Round
Ridge End Piece



Ref 809
Ornamental
Ridge End Piece



Ref 801
Angular
Ridge End Piece

Ridge & Hip Accessories



Ref 805
Right Hand
Mono Ridge
End Piece



Ref 806
Left Hand
Mono Ridge
End Piece



Ref 901/906
Four Way
Junctions



Ref 902/903/908
Three Way
Junctions

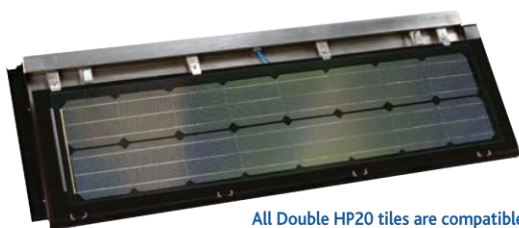


Ref 983
Slender Finial



Ref 984
Pine Cone Finial

PV Modules



All Double HP20 tiles are compatible
with IMERY'S integrated PV systems

The unique combination of IMERY'S 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.



Double HP20 Dry Fix and Ventilation

Faster, cleaner, more effective solutions for your roof

Dry Fix Option for Interlocking Ridge and Hips

Installation Guidelines

Double HP20 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 HP20 tiles on your project please contact us and we will provide, free of charge, a full NBS and IMERY'S 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, IMERY'S strongly recommends dry fix solutions for all ridges, hips and verges. Dry fix solutions are a faster, cleaner and more effective option.

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



Stainless Steel
Ridge Screws

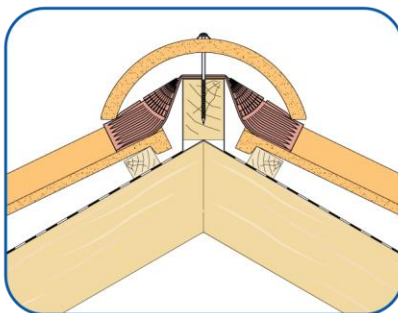


IMERY'S 409
65x48 Tile Clip
Also available: Eave
and verge clips



FOS 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



Double HP20 Vallée de Chevreuse

IMERY'S 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.
- Ventilates and driving rain resistant.
- Available in red, brown or anthracite 300mm or 350mm width.
- Handy 5m pack.

Ventilation Options

Roof Ventilation should comply with building regulations and the control of condensation on buildings outlined in BS 5250:2011 and approved document Building Regulations Approved Document C2 2010: amended July 2013.

The level of ventilation depends on the roof design, and the type of membrane to be used. If the design is a cold roof and incorporates a breather membrane, high level ventilation 5000mm²/m is required. If the design is a warm roof, ventilation may not be required. In all cases we recommend you consult the manufacturers of the membrane for guidance.

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, this can be achieved at low level with over fascia or soffit ventilation units and at high level by using IMERY'S PVC-U in-line tiles vents.



Tile Vent
Capacity 10,000mm²
Guaranteed down to
22.5° roof pitch



Cowled Tile Vent
Capacity 10,000mm²
Guaranteed down to
17.5° roof pitch

Fit every 2m to achieve 5000mm²/m ventilation

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.

When combining this certification with our BS EN 14001 Environmental Management Systems IMERYS products achieve a low carbon footprint to meet the requirements of Code 4 and beyond of the Code for Sustainable Homes.



Double HP20 Burnt Red valley detail

The IMERYS Double HP20 Clay Tile

Ideal for new buildings and refurbishment projects



Double HP20 Burnt Red



Double HP20 Vallée de Chevreuse



Double HP20 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

National Building Specification Clauses (NBS) BS EN 1304:2013

All essential clauses for IMERYS roof specifications are available, detailing all work items in section H65 'Single lap roof tiling'. The NHBC require that an NBS specification is in place before commencement of work. An IMERYS, site specific, NBS specification incorporating fixing specification can be provided on request.

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

