

CI/SFB	December 2013	
(47)	Nh3	
Uniclass	JH67: L52: P4131	
Issue 01		

Decra®
roof systems



Decra® Classic

Pitched Roofing Systems



Decra® Roof Systems

Lightweight tiles in a range of attractive finishes

The ideal roof is both functional and strong, but also enhances a building, adding value to a property while also protecting it from weather and intrusion. The Decra® system meets this brief with a lightweight, steel roofing tile designed to deliver exceptional strength and weather resistance, and available in range of highly attractive finishes.

Decra® is ideal for all applications and locations, whether new build or refurbishment, residential or commercial, urban or rural. Over the last 50 years, Decra® tiles have been installed on over 60 million m² of roofs across Europe, protecting buildings in all environments, from city centres to mountainsides.

Natural tone granular finish

Decra® Classic tiles give the appearance of traditional concrete or clay, yet at only one-seventh of the weight of concrete tiles Decra® Classic represents a lightweight, easy to install and robust alternative.

Decra® Classic tiles are available in five colours, with coatings comprising natural UV-resistant stone chips embedded in a high performance acrylic resin. Decra® Classic tiles are the ideal choice for any application, especially those demanding a traditional finish or for refurbishment projects, and can be used on any roof from pitches as low as 10°.

Low maintenance

Decra® tiles are exceptionally durable, and offer superior weather protection, and so maintenance costs are minimal during the lifetime of the installation.

Unrivalled strength

The steel core within a Decra® tile provides unparalleled strength compared to traditional materials, minimising breakage during transport and installation, and keeping subsequent maintenance bills to an absolute minimum.

Unrivalled weather protection

Decra® tiles are storm proof – tests have proven their resistance to winds up to 160 km/h and rain falling at 200mm per hour. Decra® tiles offer weather protection from rainfall, hail, snow, ice, sun – even hurricanes – without damage, and are already installed in some of the world's harshest environments.



EN 14782

13



Third party approval

Decra® roof tiles have been independently site and laboratory tested by the British Board of Agrément and awarded BBA certificate number 95/3122.

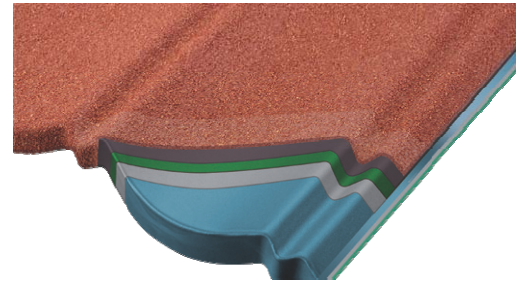


Secured by Design accreditation






Decra® is the only UK roofing manufacturer to win Secured by Design accreditation from the Association of Chief Police Officers for the Decra® system, which features enhanced security fittings and a specialised installation method. It accredited by the Loss Prevention Certification Board (LPCB) to LPS 1175 and awarded certificate number 834a.



Composition of Decra® Classic



Composition

-  Transparent protection layer
-  Natural stone granulate
-  Attached acrylic resin
-  Epoxy coating
-  Steel core with thermal zincing

Colours



TECHNICAL DATA

Pitch	
Minimum Pitch	10°
Maximum Pitch	90°
Dimensions	
Size of tile - overall (w x h)	1324 mm x 410 mm
Size of tile - cover (w x h)	1260 mm x 370 mm
	(7 Pan tile/each pan 180 mm wide)
Coverage	0.465 m ² per tile (2.15 tiles per m ²)
Thickness	0.43 mm
Composition	Galvanized Steel core (Zn 275 g/m ²)
Weight	
Weight per tile	3.06 kg
Weight per m ²	6.56 kg
Attachment	
Fixing Type	Decra Fixing Nails
Fixings per tile	4
Battens	
Batten distance	370 mm
Batten coverage	2.7 linear metres per m ² (plus wastage)

Batten Size Required	
Max Rafter Centres (mm)	Minimum batten thickness (recommended) (h x w)
450	38 mm x 25 mm
600	50 mm x 25 mm
900	50 mm x 50 mm
1200	50 mm x 50 mm
1500	50 mm x 65 mm



System Components

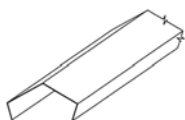
A range of Decra® accessories have been individually designed to ensure compatibility and play a vital role in achieving the total integrity of the Decra® roof system. Accessories include ridge caps, barge covers and closures.

Accessories for Decra® Classic

D-Ridge

Traditional angle shape "D-ridge" for use at both ridges and hips.

Cover: 1200 mm

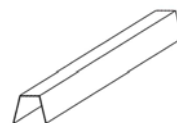


B-Ridge

For use on both ridges and hips.

NOTE: Ventilation components cannot be used with this accessory.

Cover: 1200 mm



D-Ridge End Closure Unit

For use at intersection of D-Ridge with Decra barge covers. Simplifies installation and improves consistency of finish.

Cover: 125 mm

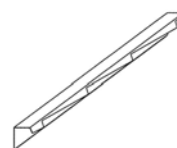


Barge Cover - Left Hand

Scribed cover for use at gables/verges/barges.

Covers three courses of tile.

Cover: 1110 mm



D-Ridge Hip End Closure Unit

Traditional angle shape D ridge for use at ridges and hips.

Cover: 1200 mm



Barge Cover Eaves Closure Unit- Left Hand

For use at foot/base of gable.

Simplifies installation and improves consistency of finish.

Covers three courses of tile.

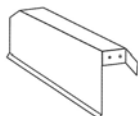
Cover: 1110 mm



Cloaked Verge Cap - Left Hand

For use at gables/verges/barges.

Cover: 370 mm



Barge Cover - Right Hand

Scribed cover for use at gables/verges/barges.

Covers three courses of tile.

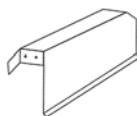
Cover: 1110 mm



Cloaked Verge Cap - Right Hand

For use at gables/verges/barges.

Cover: 370 mm



Barge Cover Eaves Closure Unit- Right Hand

For use at foot/base of gable.

Simplifies installation and improves consistency of finish.

Covers three courses of tile.

Cover: 1110 mm





Accessories for Decra® Classic

Side Flashing - Left Hand

For use at sloping abutment walls.

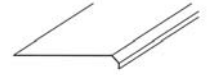
Cover: 1110 mm



Top Course

For use at sloping abutment walls.

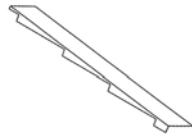
Cover: 1200 mm



Side Flashing - Right Hand

For use at sloping abutment walls.

Cover: 1110 mm



Decra XL Ridge

Wider ridge capping.

Cover: 1200 mm; 180 mm wings



Decra Flat Sheet

Available in Anthracite, Terracotta, Brindle, Shiny Black, and Teak.

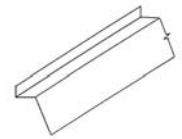
Size: 1280 mm x 905 mm



Decra Eaves Closure Unit

Designed for use on warm roof applications. Provides an attractive finish for eaves detailing. Must be used with *Decra Warm Roof Eaves Guard* and *Decra Warm Roof Eaves Closure Flashing*.

Cover: 1200 mm



Decra Finishing Kit

Touch up kit for vertically driven nails. Occurs at eaves and gable ends only.

Recommended 1 kit per 350 tiles ordered

Decra Fixing Nails (6 kg pack)

Recommended 1 pack per 420 tiles ordered.

Decra Power Tile Fixing Nails

For Paslode cordless nail gun. Each pack sufficient to install up to 550 Decra Classic tiles.

Important Note: Use only Decra Power Tile Fixing Nails, never use Paslode nails to fix Decra tiles.



Availability

Description	Item Code				
	Anthracite	Brindle	Teak	Terracotta	Shiny Black
Tiles					
Decra Classic Tile	DTEB1	DTID1	DTKB1	DTTB1	DTBB1
Decra Classic Coastal Eaves Tile	DTED1	DTID2	DTKD1	DTTD1	DTBD1
Ridges / Hips					
Decra Classic D-Ridge	DDEB1	DDID1	DDKB1	DDTB1	DDBB1
Decra Classic D-Ridge End Closure	DDEDE1	DDIDE1	DDKDE1	DDTDE1	DDBDE1
Decra Classic Hip End Closure	DDEDH1	DDIDH1	DDKDH1	DDTDH1	DDBDH1
Decra Classic B-Ridge	DBEB1	DBID1	DBKB1	DBTB1	DBBB1
Decra Classic XL Ridge	DDEX1	DDIX1	DDKDX	DDTDX	DDBDX
Verges / Barges / Gables					
LH Cloaked Verge Classic	DHEB2	DHID2	DHKB2	DHTB2	DHBB2
RH Cloaked Verge Classic	DIEB2	DIID2	DIKB2	DITB2	DIBB2
LH Barge Cover Classic	DHEB1	DHID1	DHKB1	DHTB1	DHBB1
LH Barge Cover End Closure Classic	DHEDE1	DHIDE1	DHKDE1	DHTDE1	DHBDE1
RH Barge Cover Classic	DIEB1	DIID1	DIKB1	DITB1	DIBB1
RH Barge Cover End Closure Classic	DIEDE1	DIIDE1	DIKDE1	DITDE1	DIBDE1
Side Flashings					
LH Side Flashing Classic	DSEB1	DSID1	DSKB1	DSTB1	DSBB1
RH Side Flashing Classic	DREB1	DRID1	DRKB1	DRTB1	DRBB1
Top Course					
Decra Classic Top Course	DCEB1	DCID1	DCKB1	DCTB1	DCBB1
Finishing Kits					
Decra Classic Finishing Kit	DUEB1	DUID1	DUKB1	DUTB1	DUBB1
Misc Items					
Decra Flat Sheet	DQEB1	DQIB1	DQKD1	DQTD1	DQBB1

Other Items

Item Code	Description	Coverage
DMEB1	Decra Eaves Closure Unit (anthracite)	1200 mm
DNXB5	Decra Fixing Nails (6kg pack)	up to 420 tiles
DNXN3	Decra Fixing Nails (1kg pack)	up to 70 tiles
DNXP7	Decra Power Tile Fixing Nails (2200 nails + 2 fuel)	up to 550 tiles
SNXP2	Small Decra Power Tile Fixing Nails (1100 nails + 1 fuel)	up to 275 tiles

Please note that this list is not exhaustive. For a full list of parts and accessories please consult the current Decra Price list.

NOTE: This information is given in good faith being based on the latest knowledge known to Icopal Limited. Whilst every effort has been made to ensure the contents of the publication are current while going to press, customers are advised that products, techniques and Codes of Practice are under constant review and liable to change without notice. Up to date information is available from our Technical Services Department on request.

Responsibility cannot be accepted for the application of products, and no claims can be considered, where the manufacturer's instructions have not been followed. The user should not assume, based on information provided in this sheet, that the product is suitable for any abnormal use.

All products are sold subject to our standard conditions of sale, available on request.