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Issue 01		

Decra®  
roof systems



# Decra® Oberon

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 m<sup>2</sup> of roofs across Europe, protecting buildings in all environments, from city centres to mountainsides.

### Versatile with a traditional roof aesthetic

Decra® Oberon replicates the appearance of conventional clay roof tiles or wooden shingles – unlike wood, however, Decra® Oberon will not rot or burn, making it the ideal choice for any building where a natural finish is required, and safety and durability are essential.

Available in three colours, Decra® Oberon can be used on all types of roofs pitched from 15°, and can also be installed on vertical surfaces. Decra® Oberon is exceptionally light, weighing less than 10% of conventional concrete. This makes Decra® Oberon ideal for an extensive range of buildings, and especially for lightweight roofing structures that can only carry a wooden shingle finish.

#### 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.



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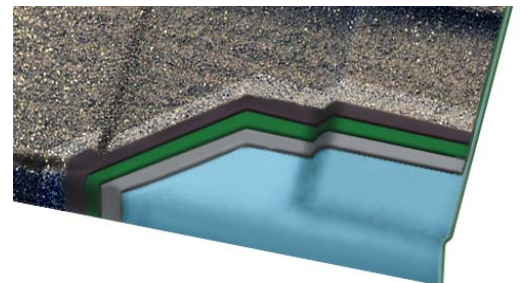


### Third Party Approval

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



### Composition of Decra® Oberon








### TECHNICAL DATA

Pitch	
Minimum Pitch	15°
Maximum Pitch	90°
Dimensions	
Size of tile - overall (w x h)	1310 mm x 365 mm
Size of tile - cover (w x h)	1250 mm x 320 mm
Coverage	0.39 m <sup>2</sup> per tile (2.54 tiles per m <sup>2</sup> )
Thickness	0.43 mm
Composition	Galvanized Steel core (Zn 275 g/m <sup>2</sup> )
Weight	
Weight per tile	2.8 kg
Weight per m <sup>2</sup>	7.1 kg
Attachment	
Fixing Type	Decra Fixing Nails
Fixings per tile	4
Battens	
Batten distance	160 mm
Batten coverage	6.2 linear metres per m <sup>2</sup> (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

#### Composition

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

#### Colours



Bark



Eclipse



Sunset





## System Components

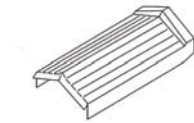
A range of Decra® accessories have been individually designed to ensure compatibility and play a vital role in achieving the total integrity of the Decra® roof system.

### Accessories for Decra® Oberon

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#### Ridge/Barge Cap

For use at ridges, hips and barges. For ridge or hip ventilation system, use product in conjunction with universal ridge/hip ventilation system.



Cover: 370 mm

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#### End Cap

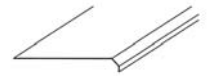
Filler for ridge/barge cap ends only.



#### Top Course

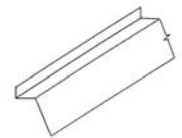
For use at sloping abutment walls.

Cover: 1200 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*.



Cover: 1200 mm

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#### Decra Finishing Kit

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

Recommended 1 kit per 350 tiles ordered

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#### Decra Fixing Nails (6 kg pack)

Recommended 1 pack per 420 tiles ordered.

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#### 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.

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## Availability

Item Code	Description
<b>Tiles</b>	
BTBN1	Decra Oberon Tile - Bark
BTEN1	Decra Oberon Tile - Eclipse
BTSN1	Decra Oberon Tile - Sunset
<b>Ridges/Hips/Barge</b>	
BRBN1	Ridge/Barge Oberon - Bark
BREN1	Ridge/Barge Oberon - Eclipse
BRSN1	Ridge/Barge Oberon - Sunset
<b>End Caps</b>	
BEBN1	End Cap Oberon - Bark
BEEN1	End Cap Oberon - Eclipse
BESN1	End Cap Oberon - Sunset
<b>Top Course</b>	
BEBN1	End Cap Oberon - Bark
BEEN1	End Cap Oberon - Eclipse
BESN1	End Cap Oberon - Sunset
<b>Finishing Kits</b>	
BUBN1	Decra Oberon Finishing Kit - Bark
BUEN1	Decra Oberon Finishing Kit - Eclipse
BUSN1	Decra Oberon Finishing Kit - Sunset

## Other Items

Item Code	Description	Coverage
DMEB1	Decra Eaves Closure Unit (Anthracite only)	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.