

## PRODUCT DATA SHEET

# Icopal Roofing Shingles

### Description

A range of attractive, durable and easy to install roofing shingles available in a choice of colours.

Icopal Roofing Shingles are reinforced with a heavy weight glass fibre base coated with oxidised bitumen and an upper surface coated with coloured mineral granules.

They are available in a variety of shapes; Standard Range - Square Butt, Classic Range – Half Round and Royal Range – Hexagonal.

A variety of colours are also available; Red, Mossy Green, Coal Black and Chestnut Brown.

### Uses

Icopal Roofing Shingles are suitable for use on almost any building, temporary or permanent, domestic or commercial, including chalets, summer houses, beach huts and sports pavilions.

They can also be used for vertical cladding on houses and flats.

### Surface Preparation

The surface to receive roofing shingles must be structurally sound and well fixed with all fixings well driven to avoid puncturing the shingles.

On roofs with a roof pitch of between 15° and 45° and on sites which are exposed the use of the shingle underlay is recommended.

### Application

Application is by nailing using galvanised large headed clout nails.

Each strip of shingles is butted together locating the unique tongue and groove, leaving a 1-2mm gap between each shingle.

Before applying subsequent rows of shingles measure the gauge or overlap at each end of the roof and mark a gauging line with a chalk line.

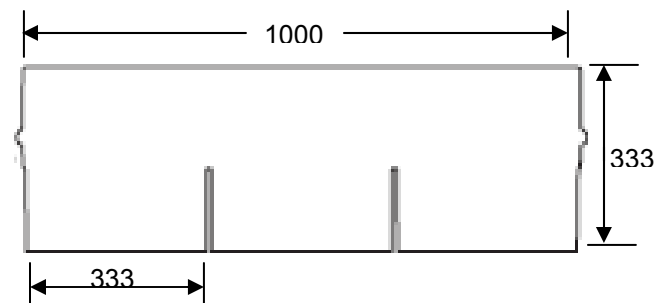
When positioning the second row of shingles ensure the first shingle is offset from the first row by half a tab and fix as before.

For full fixing instructions and a guide to estimating the required materials refer to the Icopal Roofing Shingles Product & Installation Guide, a copy of which can be obtained from the address below.

### Performance and Properties

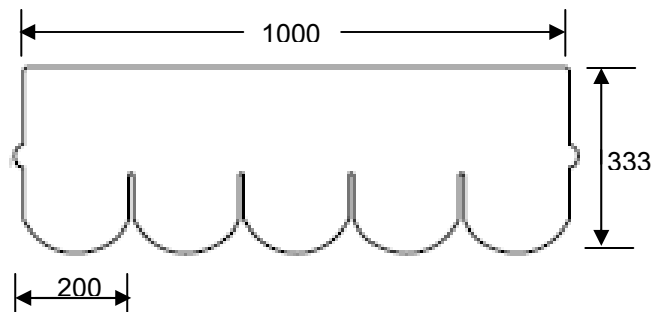
	Thickness (mm)	Weight kg/m <sup>2</sup>	Length mm	Depth mm
<b>Standard</b>	3.5	11.5	1000	333
<b>Classic</b>	3.5	11.5	1000	333
<b>Royal</b>	3.5	10.5	1000	317

#### Standard Range Square Butt

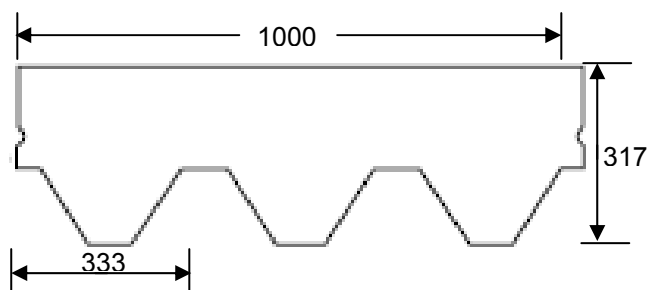


# Icopal Roofing Shingles

## Classic Range half Round



## Royal Range Hexagonal



## Accessories

**Anderson 3B Glass Base Layer** – 20m x 1m x 36kg used as the Shingle Underlay on roofs between 15° and 45° or on highly exposed roofs.

Xtra-seal Bitumen Sealant – 310ml cartridge used for sealing overlaps on installations above 45° or on exposed roofs.

Xtra-Seal drip Trim – available in 1m lengths (covering 980mm when jointed) used to simplify detailing into gutters.

## Compatibility

Icopal Bitumen Roofing Shingles and associated products are compatible with most materials normally associated with roofing structures. However solvent based products and timber preservatives containing solvent may soften bitumen and should be avoided,

special care should be taken when choosing treated timber for use in roof structures.

## Delivery and Storage

Materials are delivered in packs containing sufficient shingles to cover 3m<sup>2</sup>.

Shingles must be stored flat on a clean level surface under cover and away from direct sources of heat.

In colder conditions store materials in a warm environment and remove to the work area as required.

## Health and Safety

Construction or replacement of roofs means working at height and as such personal safety and prevention against a fall must be considered a priority. Roof refurbishment can be complex, is always high risk and demands careful planning. For detailed information relating to Safety in Roofwork consult HSE publication HSG33.

Health and safety data sheets are available for all products from the address below.

## Technical Support

Specialist design guidance and advice on all matters relating to this product including CAD detailing for all your waterproofing requirements is freely available from our technical department at the address below

## Anderson Monarflex

Barton Dock Road  
Stretford  
Manchester M32 0YL  
Tel: 0161 865 4444  
Fax: 0161 865 8433  
[www.icopal.co.uk](http://www.icopal.co.uk)

NOTE: This information is given in good faith being based on the latest knowledge known to Anderson Monarflex. 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.