



## PRODUCT DATA SHEET

# Icopal Universal POCB Bitumen Single Layer Roofing

### Product Code 3007125

#### Description

Icopal Universal is a single ply waterproofing system. Icopal Universal has a complex polyester/glass reinforcement impregnated and coated with a POCB-compound (Poly-Olefine-Copolymerisate-Binder). Both the upper and lower surfaces are finished with a Polypropylene fleece to prevent the product from sticking in the roll. The upper surface is printed with a continuous blue selvedge line and a broken blue line indicating the position of mechanical fasteners when using a mechanically fixed system

#### Uses

Icopal Universal is used as a bitumen single layer water proofing system for flat and pitched roofs in both new and refurbishment situations.

#### Surface Preparation

All surfaces must be clean, free from dust, oil, grease and any other contaminates that be detrimental to the performance of the membrane. All sharp projections must be removed and any fixings well driven to avoid damage to the waterproofing membrane

#### Application

Icopal Universal can be applied by Mechanical fixing, loose laid and ballasted or spray bonded using Xtra-Seal Membrane Spray Adhesive. All overlaps must be sealed using hot air equipment. On larger roofs side laps can be sealed utilising automatic self driven hot air welding equipment.

Details should be waterproofed using Icopal Universal SA, a thermally activated self adhesive membrane.

For full application details refer to Icopal Universal User Guide and Installation Booklet.

#### Performance and Properties

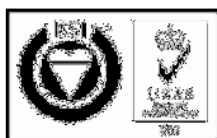
Nominal Roll Length	10m ± 100mm
Nominal Roll Width	1m
Selvedge Width	130mm ± 5mm
Nominal Roll Weight	32kg ± 2kg
Tensile Strength (MD)	1185N/50mm ± 20%
Tensile Strength (TD)	1000N/50mm ± 20%
Elongation (MD)	30% ± 15%
Elongation (TD)	30% ±15%
Low Temperature Flexibility	-20°C
Available Colours	Black

#### Compatibility

The material is compatible with most materials normally used in roofing works.

**Hydrocarbon and/or solvent based products such as white spirit, Naphtha, paraffin and creosote will have a harmful affect and should not be allowed to come into contact with the membrane.**

**Timber used in the construction of the roof deck must not be treated with solvent based preservatives.**



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### Delivery and Storage

The material is delivered stood on end on wooden pallets in a strong heat shrink bag. The material when removed from the pallet must be stood on end on a flat level surface, under cover and away from exposure to the sun and away from heat sources.

Mechanical damage must also be avoided.

### Health and Safety

Health and Safety Data Sheets are available for this product and all Icopal products. Please contact our Technical Services Department at 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.

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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.