



Total Building Protection from One Company



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For further information on Icopal Group

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www.icopal.co.uk

WORLD LEADERS IN WATERPROOFING

A world class resource, available locally

Icopal is the world leader in building protection from the roof right down to the basement. From our UK headquarters in Manchester and through our national network of over 2,000 stockists we offer you the UK's most complete range of construction membranes, support services and insurance-backed guarantees.



The strength of a global partner

The largest manufacturer of roofing and building membranes in the world, Icopal has 29 manufacturing plants in the UK, Finland, Norway, Sweden, Denmark, Germany, Poland, Czech Republic, Belgium, France and the USA. Products are distributed by 81 offices across Europe, North America, the Middle East and Asia.

Close support across the UK

Icopal Ltd in the UK has three operating divisions:

Icopal Waterproofing Division

This division has its own dedicated sales team who can provide a comprehensive range of flat roof waterproofing and insulation products.



Icopal Building Products Division

With its own specialist sales team this Division supplies a wide range of structural waterproofing, insulation, pitched roof and site protection products.

Monarflex Acoustic and **Monarflex Geomembranes** are also part of this Division. Monarflex Acoustics manufacture and supply a range of specialist acoustic flooring systems. Monarflex Geomembranes manufacture a range of gas barrier systems and containment linings installed by their own specialist contracting team.

Icopal Ireland Division

This Division supplies the whole of Ireland with the full range of Icopal products and services.

Decra Roof Systems Ltd

Decra operates independently of Icopal Ltd, but is part of the Icopal Group. Decra manufactures and supplies a range of lightweight steel roofing systems.

LEADING ICOPAL BRANDS



One of the greatest resources of Icopal in the UK is the quality of its branded products, many of which have been well respected for over a century.



In 1850 Anderson supplied roofing felt for the Crimean war effort



When British Standards were first introduced it was Callenders products that provided the basis for BS 743 / 6398.



Icopal is registered to ISO9002

Total building protection from a single source



When you deal with Icopal you'll enjoy all the advantages of sourcing a full range of top brand products from one supplier. Your administration is simplified and your control over procurement is improved offering opportunities for even better value.



Protection for roofs

Flat Roofing

- SBS or APP modified built up systems, PVC, TPO and FireSmart™ single ply systems for new build and refurbishment
- The only fire protection flat roofing membrane system accredited by the Loss Prevention Certification Board (LPCB)
- Unique flame-free application technology
- Green roofs
- Composite insulated metal decking

Pitched Roofing

- Warm pitched roof design including breather membranes, insulation and air leakage barriers
- Standard and fire retardant vapour control layers
- Non-permeable roof tile underlays
- Decra light weight steel roofing systems

Protection through thermal insulation

- Complete thermal insulation envelopes using polyurethane and polyisocyanurate insulation for roofs, walls and floors
- Tapered insulation design service to promote roof drainage

Sound Protection

- Acoustic floor systems for new build and refurbishment

Structural protection

- Damp proof membranes
- Damp proof courses and cloaks
- Containment membranes
- Supply and fixing of gas control systems for Methane and Radon.
- Tanking systems

Protection for people and the worksite

- Scaffold sheeting (including flame retardant) with logo printing service
- Roof edge protection
- Personnel anchorage systems
- Reinforced tarpaulins





Developing the product benefits the market needs

At Icopal we spend a great deal of time working with professionals right across the construction industry to identify their needs and discuss their problems. We then find innovative and sometimes unique solutions through our on-going worldwide Research and Development programme. Here are just a few examples.

FireSmart™ Flat Roofing Systems and Application Technology

The only flat roofing membrane system approved by the Loss Prevention Certification Board (LPCB), whose standards are used by many insurance companies when assessing potential fire risk. It is also the first non-flammable built up and single ply roofing system to be listed in the LPCB Red Book of Approved Fire & Security Products & Services. This system, together with Icopal's patented flame free application technology, provides contractors and building owners with the most persuasive argument ever to control insurance premium rises.



Monarperm Breather Membranes and Insulation

The Monarperm Breathable Warm Pitched Roof System is a unique and innovative system of breather membranes, vapour control layers and high performance insulation engineered to meet the needs of both new and refurbishment work.

Monarperm can be laid directly over the insulation without a ventilated air space and requires no ventilation within convection-tight roofs.

Monarperm 700 is ideal for an installation where it is partially or fully supported. Monarperm 500 is installed in applications where the breather membrane will be fully supported.



Monarflex Acoustic Flooring Systems

Monarflex Acoustics specialises in the development of the advanced acoustic floating floor systems, now demanded by the newly revised Building Regulations Document E in new build and conversion projects. With over 2000 installations successfully completed throughout the UK, Acoustic Systems offers a wealth of experience in all aspects of acoustic treatment for floors.

Monarflex Geomembranes

Monarflex Geomembranes supplies and installs gas barriers systems and containment lining using its own directly employed labour - something unique in the UK.

The company can also design the route of the Gas Barrier and the ventilation system including the coverage and outlet systems, providing C.A.D. detailing and professional indemnity cover.

Containment linings can be welded into panels up to 1,000m² for self-installation and are provided with a range of protective geotextiles.

Icopal Composite Metal Deck Systems

This technology provides a totally insulated roof system that can be installed in half the time of a traditional flat roof and offers excellent load / span characteristics.

The benefits of composite metal panelling are combined with the proven waterproofing qualities of either Single Ply TPO membrane or FireSmart™ Single Ply - the only fire protection membrane.

The basis of each system is the three layer composite panel. This comprises a steel deck, a continuously injected foam insulation core and a waterproofing membrane, factory laminated to the outer face. Once installed, the system provides excellent thermal and low air leakage performance supported by a comprehensive range of guarantees.



Specialist technical support for your team

Water penetration is the main cause of deterioration in building structures - the result of faulty design, poor workmanship, wrong choice of material or any combination of the three. Our technical team is there to help you achieve assured quality at every stage of a project and our service is completely free of charge.



At the design stage

Our specialist expertise is invaluable in all these areas:

- Whole life cost planning using the 'Whole Life Cost Forum' Comparator Tool, and other accepted programs
- Future maintenance planning
- Site surveys
- Core samples
- Plan drawings
- Detail drawings
- Tapered insulation board
- U-value calculations
- Condensation risk calculations
- Wind uplift calculations
- Condition reports
- Photographic records

When the project is underway

We'll continue to work with your team throughout the contract, visiting the site to give practical help and solve any technical issues that may arise.



Workmanship you can rely on

To ensure long term performance and to qualify for our range of waterproofing guarantees, all Icopal products supplied in the UK must be installed by approved contractors in accordance with relevant Codes of Practice and our recommended design details. In the case of roofing products, contractors should be members of the World Roofing FireSmart Alliance (WRFA) or the Intelligent Membrane Association (IMA). For other structural waterproofing products, installation should be carried out by National Structural Waterproofing Association (NSWA) members. All Icopal approved contractors are members of the Construction Self Certification Scheme (CSCS).



Guaranteed solutions

The combination of proven branded products, expert design solutions and quality workmanship allows us to offer industry leading, insurance-backed guarantees on the products we offer, from roofing systems to tanking.



Working with the world's best



As the world leader in building protection, Icopal has played an integral part in some of the most prestigious building projects undertaken in recent years, both in the UK and beyond.



1 COMMONWEALTH GAMES STADIUM, MANCHESTER, UK

Icopal damp proof course
Xtra-Load Engerseal

2 COPENHAGEN AIRPORT, DENMARK

Icopal built up SBS modified roofing membranes with profiled structure

3 UN GENERAL ASSEMBLY BUILDING, NEW YORK, USA

Icopal aluminium coated SBS modified roofing membranes

4 WATERFRONT DEVELOPMENT, BRIGHTON MARINA, UK

Icopal built up SBS modified roofing membrane system

5 STADT OPERA, VIENNA, AUSTRIA

Scaffold sheeting supplied by Icopal Plastic Membranes