



Icopal Secure

5 steps to completing your roof waterproofing project with confidence



Confidence Starts Here

Specifying a roof waterproofing system that delivers a combination of assured high performance and best value is a tremendous responsibility. The financial impact of the wrong decisions can be considerable. At Icopal, we are dedicated to working with you to eliminate all levels of risk from the design and specification process, the construction process and the long-term guarantee of performance from your roof.

Icopal offers a quality and time unique solution with a range of multi material possibilities to perfectly suit the individual needs and budget of each roof condition. Each proposal is supported by a comprehensive service from Icopal's Technical Services Department to ensure the highest standards of specification, product quality and project support.

For further peace of mind, projects are supported by a range of Industry leading guarantees, covering Design, Products, Workmanship, Contractor Insolvency & Consequential Damage. However, we believe that the best roof guarantee is the one that you never need to make a claim against.



*Project: Heathfield School
Area: 2000m²
Bitumen and Green Roofing Systems
Completed September 2014*



Icopal Secure **5-Step Process**

1. Consultation and Site Survey



2. Design and Specification



3. Installation



4. Site Support and Project Monitoring



5. System Guarantee



Icopal Secure **5-Step Process**



1. Consultation and Site Survey

We understand that each project is different and it is vital for us to understand your requirements and expectations right from the outset. Refurbishment projects start with a comprehensive site survey including detailed analysis of the existing roof build up and condition. This information is critical to the correct specification and products being recommended.

Consultation

Our experienced team of Area Technical Managers are on hand to offer professional advice on all aspects of your project including:

- The appropriate design for roof build up and building use.
- Recommendation of the correct waterproofing system & associated products such as drainage and daylighting.
- Interface detailing
- System performance and guarantee expectations
- Environmental impact
- Budget costing
- Planned maintenance schedules
- Drawings and calculations
- Regular feedback and project updates

- Site specific issues such as Occupancy, Schedules and Liaison.

Surveys

Surveys include a full roof condition report including where appropriate:

- Roof measure & layout
- Roof falls & drainage items
- Rooflight replacement program
- Core samples to assess existing condition and roof build up.
- Moisture probe analysis
- Photographic records
- Detailed assessment of roof failure mode and remedial options.
- Roof details and interfaces.
- Thermographic imaging where appropriate.



2. Design and Specification

We provide a full design service including specifications, drawings and calculations, prepared in line with the Building Regulations and Codes of Practice. The quality of our products and comprehensive guarantees safeguard your project while our extensive knowledge and expertise means we can advise you on the correct system for your project. As a multi material supplier we can specify the most appropriate solution without bias, ensuring that it is the best fit for your specific project requirements.

Design

- Project Specific detail drawings showing critical elements such as interfaces and terminations.
- Wind Uplift calculations in line with BS EN 1991-1-4/NA:2008.
- Insulation Drainage: Our in house design team will prepare tapered insulation designs for effective roof drainage and thermal values in compliance with BS EN ISO 6946 Annex C.
- U-Value & Condensation risk analysis. Icopal will recommend a solution to combat any potential threat of interstitial condensation.
- Vapour Control & Airtightness. We supply a wide range of Vapour Control Layers & sealants to

ensure the correct level of protection for your project.

Specification

- The sooner we can become involved in your project, the more effective we can be in helping you to achieve your expected outcomes of performance and cost.
- A fully detailed specification package is prepared based upon your project criteria and our detailed analysis and submitted for your consideration in either long form using Specmaster or short form NBS format.



3. Installation

Our approved specialist contractors carry out all installations and ensure that from the outset, work is completed efficiently and to specific qualitative standards. All our accredited contractors have undergone comprehensive and specific training at one of Icopal's training centres. The installation process includes a pre-commencement briefing with your contractor, a full overview of the specific requirements and features of the roof detailing. Icopal can even arrange for unique mock-up structures of key detailing elements to be created so that all involved can rehearse and prepare beforehand.



4. Site Support and Project Monitoring

Our site technicians are regularly on site to closely monitor progress and ensure the project runs smoothly, focusing on any potential drift from specification, quality of workmanship and aesthetic condition. Through their expertise and practical approach they offer technical advice and support throughout the project and beyond, with detailed site reports issued following each visit and a final inspection to confirm your satisfaction and sign-off.



5. System Guarantee

Our guarantees are comprehensive and industry leading. We support our systems with single point responsibility covering product, workmanship, design and consequential damage. We carry annual product guarantee insurance which is arranged with first class security in the London Insurance Market and are the only waterproofing manufacturer regulated by the Financial Conduct Authority (FCA). This is our confirmation that we operate with integrity and provide the financial strength of a global market leader. Most importantly that we have our customers best interests at heart.





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