Our Company

Who We Are

Bauder is one of Europe’s leading manufacturers of flat roof waterproofing membranes and insulation products with an enviable reputation and track record for delivering the highest quality materials and service. For over 150 years we have been developing, manufacturing and project managing the installation of premier flat roof systems.

Our comprehensive portfolio of flat roof waterproofing systems, green roofs and photovoltaic energy delivers an extensive range of solutions to meet individual project needs without compromise.

Technical Expertise

Bauder is fully committed to providing a complete service with an unrivalled level of support on all roofing projects, whether it’s for a new build project or the refurbishment of an existing building. Our large team of regionally based technical managers and site technicians will be on hand throughout the process, from specification design through to inspection of the installation and project completion to ensure a defect free finish.

Our technical department is the envy of the industry, providing a comprehensive and superior service with bespoke specifications individual to each project. Our support services ensure that products and materials all arrive on site when required providing an efficiency that all our clients demand.

A typical specification and report package can include the following, where appropriate:

- Building type and usage.
- Core sample analysis and technical diagnostics.
- Recommended course of action.
- Recommended waterproofing system.
- Full design service for Solar PV including roof surveys, specifications and yield analysis.
- Detailed specifications.
- Thermal analysis and calculations.
- Falls and drainage design.
- Wind uplift and restraint calculations.
- Detailing on all roof penetrations.
- Roof plans and tapered insulation layouts.
- Recommended approved contractors.

Assured Quality

To ensure a consistent and proficient service, Bauder approved contractors are the only people fully trained and certified to install our products. Controlling the quality and experience of the installing operative is an essential element to ensuring a successful project; and this contributes greatly to the performance and longevity of a new waterproofing system. If you choose a Bauder product you can be confident that the installation will be as reliable as the product itself; we only approve contracting companies that possess the technical expertise and the organisational capacity to maintain an efficient and well-run site.

Bauder prides itself on its comprehensive training programme. We have always operated a policy where we train and approve the individual installer and not just the company they work for. By taking installers with proven experience and demonstrating the techniques particular to our system, we can ensure the quality of workmanship that meets our clients’ expectations.

All operatives installing our systems receive individual application tuition from our instructors. Following successful assessment, the operative will receive an identity badge providing proof of competence, which is available for inspection at all times.

Guaranteed Satisfaction

Bauder is noted throughout the industry for the guarantees we offer with total cover for the design, our products and installation, depending on the system installed. We unreservedly offer them as standard on all projects, and we can do this because we monitor quality every step of the way from manufacture to finished installation.

"Manufacturing the highest quality roofing materials is one thing, but here at Bauder it is our total commitment and passion to work closely together with our clients to successfully deliver every product to the highest possible standard, that sets us above the rest."

Andrew Mackenzie
Managing Director
Committed to utilising the very latest manufacturing technology, Bauder invests in a programme of continuous research and development to ensure every product and installation is ahead of industry standards, and that the needs of the environment are always kept in focus.
More than a hundred years of product research and development has resulted in our current portfolio. We offer a complete range of SBS modified bitumen based solutions to suit every project type and budget, and manufacture all the membranes and insulation to exacting specifications and tolerances, ensuring full compatibility of components.

The different systems have different qualities to suit a variety of project and building requirements. We have experienced technical managers located throughout the UK and Ireland who will take you through the options and their individual benefits - giving you expert one-to-one advice either at your office or on site.

“Our broad range of reinforced bitumen membranes enables us to propose a specific product configuration for a particular application whilst always looking to value engineer the specification that still offers a robust solution with long meaningful guarantees.”

Doug Ross
Technical Director

Two Layer Waterproofing

Bauder Total Roof System
Our Bauder Total Roof System is based on the most advanced membranes currently available. Within this top quality system there is a choice of products to enable it to be tailored to meet the exact needs of each individual project, from the traditional torch applied membranes to the more advanced heat-activated, self-adhesive variants. We also offer a special root resistant capsheet that can be used whenever the system is to be used in a green roof specification.

Whatever your specific requirements, the Bauder system is extremely robust with a life expectancy in excess of 40 years; and covered by a comprehensive guarantee.

Bauderflex
The Bauderflex system offers a commercial alternative to the Bauder Total Roof System, ideal if you are on a prudent budget. An impressive choice of products enables the system to be tailored to meet the exact needs of each individual project, and has a life expectancy in excess of 30 years. This system is fully guaranteed.

System Airtech
When safety is of paramount importance, System Airtech is the flame-free alternative for a clean, safe and simple installation that uses a combination of the latest generation self-adhesive membranes, superior adhesives and hot air welding. The system’s specific formulations give a life expectancy in excess of 30 years and a guarantee making it a dominant product within the marketplace.

Single Layer Waterproofing

Bauder PRO F
The Bauder PRO F system features a single layer SBS modified bitumen capsheet, which is designed to be installed directly over thermal insulation, either by torch bonding or mechanical fixing, depending on the deck substrate and the client’s requirements.

The system offers a robust alternative to traditional thermoplastic single ply membranes, with a life expectancy of approximately 30 years, and a full guarantee.

BauderTHERM Stripes
This is an innovative single layer torch-applied overlay membrane that is practical, quick and cost-effective. It is designed for refurbishment projects to extend the life of existing bitumen-based roof systems by around 15 to 20 years and comes with the Bauder guarantee.
A warm roof construction utilising the Bauder Total Roof System with BauderPIR FA-TE Insulation for an extremely thermally efficient roof that lowers energy bills. The system has a life expectancy in excess of 40 years.
SINGLE PLY SYSTEMS

The Bauder single ply systems provide many advantages to the modern building particularly if weight and load bearing limits are an important consideration. Single ply waterproofing offers fast track, flame-free installation.

Our single ply systems suit all dimensions, sizes and shapes of flat roof. They offer creative solutions to many flat roof projects as well as being suitable for extensive green roof landscaping.

These systems are installed using hot air welding techniques with mechanical fastenings or adhesive bonding to provide solutions that are durable, resilient to the natural elements and give excellent fire resistance.

We have two systems within our single ply portfolio.

Thermoplan T FPO
The flexible polyolefin (FPO) single ply membrane, is both environmentally friendly and long lasting, and represents a major advancement in synthetic waterproofing technology. It has a life expectancy in excess of 40 years.

Thermofol PVC
This is a PVC single ply waterproofing membrane that ensures a fast track, flame-free installation. The membrane has high levels of elasticity and tensile strength to provide a robust solution, giving a British Board of Agrément (BBA) life expectancy in excess of 30 years.

All products within the system are manufactured by Bauder, providing a single point of contact and exact specification formulations for complete compatibility.

Bauder is a member of the Single Ply Roofing Association (SPRA). As an association, SPRA ensures that specifiers obtain high quality polymer-based single layer roofing, through a partnership of quality assured manufacturers and contractors.

“Bauder is the trusted name in the roofing industry and manufacturing over 250,000m² of single ply membrane every week means there are a lot of clients who depend on the reliability of our membranes as well as contractors who know how good our single ply really is.”

Peter Stonebridge
Research and Development Manager
Battle of Britain Memorial, The Wing Visitor Centre, Kent

The new visitor centre building replicates the shape of the iconic spitfire wing and is waterproofed with Bauder single ply roofing that is aesthetically pleasing from all visual aspects.
Two forms of liquid systems are available.

**Bauder LiquiTEC Cold Liquid Applied Systems**
Bauder Cold Liquid Applied Systems are based on PMMA (Poly Methyl Methacrylate) resin technology. This combines ease of application, exceptionally fast cure, and durability, to provide a cold liquid applied waterproofing product second to none.

**Bauder LiquiTEC Roof System**
This polyester reinforced system is intended for both new build or refurbishment projects and can be applied to a wide variety of substrates including concrete and timber decks, as well as most existing waterproofing membranes such as asphalt, bitumen membranes, and even synthetic single ply, subject to condition and suitability. The system is covered by the Bauder guarantee.

**Bauder LiquiTEC Balcony, Walkway and Terrace System**
This incorporates the technology of the Bauder LiquiTEC Roof System with the added benefit of a heavy duty wearing course to make it suitable for use in both light and heavily trafficked areas. If an insulated system is required this will be an inverted roof construction, with a surfacing such as pavers or timber decking. The system is supported by a comprehensive guarantee.

**Hot Melt Structural Waterproofing**
The Bauder Bakor Hot Melt Structural Waterproofing System provides a monolithic, fully bonded waterproofing membrane that is tough, flexible and self-healing to minor punctures for use on most protected roofs such as inverted, paved and ballasted. It is ideal for use on terraces, car parks, podiums and plazas and green roof applications.

The system is environmentally friendly with 25% post-consumer recycled content and modified to promote adhesion and improve low temperature flexibility bringing it to the forefront of the industry.

Bakor is one of the world’s market leaders in the manufacture and installation of hot melt monolithic membrane systems, with a track record of research and development and a portfolio of successfully completed projects spanning over 50 years.
Cold Applied System

Hot Melt System
GREEN ROOFS

Bauder has a long and impressive history of green roofs successfully installed throughout Europe. We were the first company to introduce lightweight green roof landscaping technology into the UK and Ireland, and have been involved in many prestigious projects since 1982.

Our unrivalled expertise ensures we can deliver any green roof landscaping scenario, from recreational gardens and parks to simple low maintenance environmental greening and biodiverse ecological solutions.

It is crucial that an integrated approach is taken to the design and specification of both the waterproofing and landscaping components, so that the desired outcomes are achieved. We will work with you from the earliest design stage to ensure that your bespoke green roof project is successful.

Biodiversity Roofs

This specific type of green or ‘living’ roof typically either tries to replicate as closely as is practical the ecological environment of the site where construction has taken place or sets out to create a natural habitat to support a variety of flora and fauna. There is a growing interest in green roofs that are designed and installed specifically to meet biodiversity needs, and the action plans of local authorities, to support the environment.

Our wide range of integrated green roof systems, enables us to offer a comprehensive solution to assist with getting a biodiversity green roof specified and installed. We will work closely with the client’s ecologist to ensure that the desired habitat is achieved.

Extensive Green Roofs

Designed to be lightweight and support a low maintenance vegetation landscape which is wind, frost and drought resistant. They are not intended for general access and are primarily used for their ecological benefits or aesthetic appearance.

There are a number of options available offering different substrate and drainage/reservoir board depths to support the widest possible range of plant species within the scheme.

Sedum and Wildflower Vegetation Blankets

Pre-cultivated vegetation provides an instant carpet of plant coverage. There is a broad mix of plant species for diversity of foliage and flower. The plants are grown on a patented geo-textile carrier fleece with ultra-violet resistant nylon loops, providing a support base for the specially developed substrate that gives stability to the vegetation.

Individual Planting on a Substrate Base

Self-sufficient plants such as grasses, herbs, succulents and wildflowers, planted in specified depths of substrate allows for a variety of vegetation to suit the colour scheme, local biodiversity action plan, rooftop growing conditions and location of your specific project.

Intensive Green Roofs

Recreational gardens and amenity spaces at roof level with all the benefits usually associated with ground level landscaping. Increasingly, buildings in city areas are constructed with a green roof on the underground car park to provide additional facilities. The full potential of the building is maximised by utilising all available space within the structure’s footprint.

Green Roof Maintenance

Bauder’s experienced team provide a tailor-made maintenance programme which is normally carried out in spring and autumn. This work is undertaken by our experienced engineers who will carry out the necessary risk assessments and comply with all current health and safety legislation throughout the duration of the work.

A full inspection and evaluation is carried out and a bespoke report provided with photographic verification outlining the condition of the planting and any areas requiring on going treatment.

“Green roofs deliver on so many levels from simple greening to a recreational space for communities through to a self-sustaining nature reserve with native species flora and indigenous wildlife. The success of any green roof lies in appreciating the budget and desired result, planning and installation, and on-going maintenance. Bauder really comes to the fore with knowledge, experience, support and advice on every aspect of a green roof project”.

Chris Roddick
Green Roof Product Manager
O2 Office, Leeds

With a philosophy that staff enjoy their working day, the intensive green roof at their offices close to the heart of the city, provides a relaxing space for employees and complements the visual effect of the building.
SOLAR ENERGY

Renewable energies are derived from natural processes that are replenished constantly and they are becoming an ever more important part of our energy mix. Both heat and electrical energy can be acquired from the sun’s rays.

The term solar technology covers both solar thermal systems and photovoltaics. A solar thermal system converts energy from the sun into thermal energy. A photovoltaic system utilises the sun’s energy to generate electricity by means of photovoltaic modules.

Our solar solutions and waterproofing systems provide an integrated single point of contact with clear accountability for all elements of the roof package to reduce risk and increase peace of mind.

**BauderSOLAR Photovoltaic System**

The BauderSOLAR photovoltaic solution features an integrated system in which the module and the substructure are combined to form a single unit which is secured to the roof without penetration of the waterproofing. This ensures that the integrity of the roof is maintained throughout the installation of the PV array on our bituminous or single ply waterproofing systems.

This unique installation method sets the system ahead of others, the fitting of the components to the roof is extremely stable so that even in extreme weather the entire array is secure on the roof.

**Bauder BioSOLAR Green Roof Photovoltaic System**

Integrated solar PV mounting system specifically for biodiverse or extensive green roofs designed for applications where both a green roof and solar PV solution are required to meet planning and/or BREEAM requirements.

The green roof substrate and vegetation provide the ballast mechanism for the entire solution which removes the need for penetrating the waterproofing to secure the units to the roof and maximises the available area for the plants.

A key feature of the BioSOLAR system is that the front edge of the panels is raised to 300mm above the finished green roof level which allows light and moisture to reach beneath the panels whilst ensuring that the mature vegetation will not shade the panels and can be easily maintained.

“Flat roofs are the ideal location for the generation of renewable energy through solar energy. Clients are really appreciating that our PV system comes with full compliance of the warranties for both the roof and the PV system, all with a support package that adds value to every project.”

Tom Raftery
BauderSOLAR Product Manager
The flat roof on the gift shop was fitted with 57 PV modules, enabling the client, Cadw, to generate at least 14.05 megawatt hours of solar power each year. The simplicity of the installation meant that the entire array was fitted in just one day.
THE FUTURE

The Bauder Group is totally committed to reducing the impact its business and manufacturing operations have on society and the environment.

We have manufacturing and business frameworks on which we manage our environmental initiatives to help monitor and continuously improve our environmental performance and meet the requirements of our ISO 14001 accreditation.

We understand the importance in assisting our customers, specifiers and contractors, in achieving their own sustainable targets by providing them with informative, honest data to enable them to make an informed choice when choosing Bauder roofing systems.

BREEAM
Bauder is able to provide waterproofing membranes and insulation that are generically rated A+ in the Building Research Establishment Green Guide. This helps our clients to gain additional credits under the relevant categories within BREEAM and the Code for Sustainable Homes.

Sustainable Manufacture
Bauder’s aim is to manufacture the highest quality flat roofing systems which offer the longest service life, therefore providing lower whole life costs. Focusing on improving our manufacturing processes for all our products we are able to further cut cost, raw material waste and emissions and dramatically reduce the energy and water requirements during production.

Use of Recycled Products
By working closely with our suppliers and through extensive research Bauder has steadily increased the recycled content of many of our products without any detrimental effect on their performance. Clients are able to specify Bauder membranes with recycled content of up to 25%.

We offer products that consist of shredded car tyres, recycled clothing, polystyrene and hard core and even organic waste. This enables us to provide complete green roof systems with 81% recycled content by volume.

Site Waste Management
Bauder is committed to minimising the impact of site waste during the installation of our waterproofing systems. Where facilities are provided, our approved installers will segregate waste suitable for recycling and reduce the impact of construction waste to landfill. Our design team endeavours to adopt system designs incorporating products that have least environmental impact and by component selection minimise waste.
Fully understanding the relationship between protection of the environment, the needs of society and the requirements of our stakeholders to maintain a good capital investment, is the holistic approach we adopt, and is the only way to ensure our business and products are truly sustainable.