

Bailey

Bailey System 5000 FR

Bailey System 5000 FR is a fire-rated flame-free bitumen single layer system offering a bitumen alternative to single ply.



CI/SFB

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Key benefits

Bailey 5000 FR System is a high performance, fire rated bitumen membrane that has achieved the highest European fire certification of Broof(t4). It is a safe, secure, single layer felt system making it very quick to lay when compared with multi-layer systems. And as a flame-free system, applied with hot air, it is ideally suited to roof refurbishment

Flame-free felt roofing

The Bailey System 5000 FR waterproofing system is guaranteed to last up to 25 years with a life expectancy of far longer. It is quick and easy to install and protects your roof from rainwater and external fire dangers.

Manufactured from high-quality SBS-modified, polyester reinforced bitumen, The System 5000 FR is supple but strong. The SBS bitumen modification gives the membrane its suppleness and excellent low-temperature flexibility. It also allows for a strong bead of bitumen to be quickly extruded from all lap joints when hot-air welding.

Weighing in at 5.2kg/m², Bailey System 5000 FR can be installed using either mechanical fixings or adhesives. The lap joints are all activated using hot-air, completely removing the risks of fire during installation.

The System 5000 FR contains fire retardants and has been tested at an independent testing facility to CEN/TS 1187:2012: Test 4. It has achieved the highest fire rating classification of Broof(t4) following the standard EN 13501-5: 2016.



Broof(t4)

Achieved Fire Certification in accordance with BS EN 13501-5 : 2005

System 5000 FR safe and secure

Flame-free, fire-resistant and high performance. The System 5000 FR waterproofing system is fast, efficient, and easy to install without compromising on quality.

System 5000 FR is at the cutting edge of bitumen mineral felt innovation. A combination of the time-proven strength and flexibility of bitumen membranes coupled with the speed of a single-ply install and a flame-free application that makes System 5000 FR an absolute winner. To top that all off, it's BRoof(t4) fire-rated, meaning that your roof and building is guaranteed to be protected from external fire dangers as well as the elements.

System 5000 FR comes into its own in the refurbishment market, and it particular on schools. Safety for both the clients, the contractor and the building occupants is paramount and refurbishment projects often contain many fire hazards: old combustible building materials, dry timbers, spider webs/wasp nests, etc. These all prove to be very real dangers when using gas torches or naked flame application membranes. System 5000 FR removes the fire risk with a cold-applied application (mechanical fixing or adhering) and its hot-air activated lap joints

System 5000 FR is a perfect solution to any flat roofing need, whether refurbishment or new-build. Its versatility means that it is just as easily laid onto an old felt roof in an overlay application as it is onto a brand new build-up on a new build project.



Flexible specifying



System 5000 FR is fire rated and suitable for most types of roof, including refurbishment.

As every flat roof project is different, it is essential that the right system is selected. At Bailey, as well as having a solution to every flat roof situation, our experience of over 45 years in the industry is made available at every stage. Bailey advises involvement at the very earliest design stage of a project to ensure the best results. Bailey technical personnel are able to receive architect's plans of new build projects or carry out a detailed survey (including core samples) with a comprehensive report for repair or refurbishment.

Following this a specification can be provided, recommending the most suitable system. Bailey's recommendation will offer the best solution within the budget without cutting corners or compromising on quality.

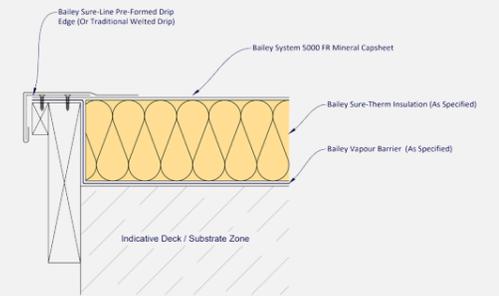
Once this system has been specified, Bailey will provide names of recommended contractors who will be willing to tender for the works. Projects are policed by Bailey and reports of inspections produced. On completion of the works a final inspection is carried out, the job signed off and the guarantee issued.

Expert advice

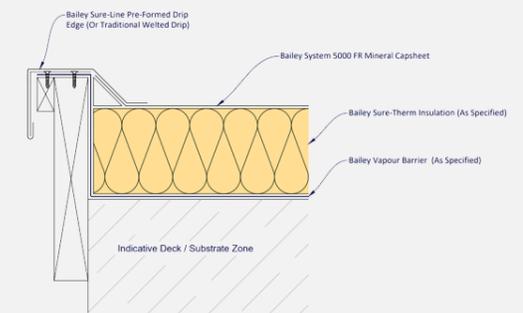
To draw on Bailey's expertise and for further assistance and advice, call the Technical Sales Department on +44 (0) 800 849 8558

Standard details

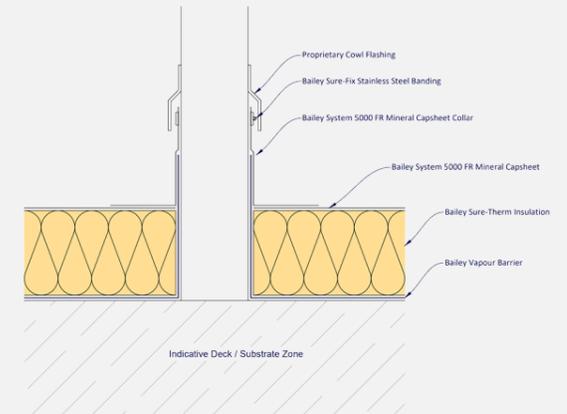
Drip edge



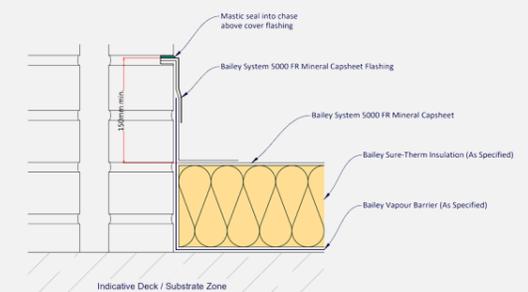
Watercheck



Cold pipe



Upstand flashing



Quality manufacture

With more than 45 years experience in flat roofing, Bailey has been at the forefront of the industry and developments in felt and membrane technologies. System 5000 continues that forward looking innovation with a flame proof bitumen solution.

Bailey System 5000 is a high performance product with a spunbond polyester carrier and a special elastomeric SBS modified bitumen. The secret of an excellent product is the blending of the right proportions of bitumen, plasticisers and fillers. System 5000 is manufactured using the latest technology and is continually monitored, the manufacturing process is subject to stringent quality control in accordance with ISO 9001. A sample from every batch is tested and retained in the laboratory for 9 months and on each roll there is a label with the batch number, giving full traceability.



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