



BAILEY[®]
roofing systems

Issue number 4

Bailey Sure-Line

PRE FORMED ROOF EDGING SYSTEM, RAPID,
EFFICIENT AND COST EFFECTIVE

- Easy to use and install systems
- Increases the speed of completion
- Dimensionally stable
- Available in two metre lengths
- Gives a clean straight edge to flat roofs
- Compatible with all Bailey's felt membranes
- At least 50% quicker than traditional methods of detailing
- Suitable for drip edge and water check details.

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Bailey Sure-line

PRE FORMED ROOF EDGING SYSTEM, RAPID, EFFICIENT AND COST EFFECTIVE

Manufactured from galvanised steel with a factory applied membrane, Bailey's patented* Sure-line roof edging brings an end to labour intensive detailing. Bailey Sure-line increases security and efficiency to vulnerable roof edge areas and is simple to use with a unique slide and lock application. The pre-formed edge unit removes the need to cut and fold details on site and is quickly and securely completed enabling the quick turn-round of contracts.

Sure-line roofing system is manufactured in pre-formed lengths of 1.95m detail units, greatly increasing the speed and efficiency of installation compared with traditional detailing. With factory applied membrane, Bailey Sure-line is available as a drip edge trim, watercheck edge trim, upstand flashing and wall cover flashing.

The Sure-line drip provides a clean crisp perimeter edge which is aesthetically pleasing and is compatible with SBS and APP modifications and Bailey's Commodity systems, System 5000 and System 17000.

*As patent no; GB9711792.3

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Excellence in flat roofing

BAILEY ROOFING SYSTEMS HAS BEEN INVOLVED WITH FLAT ROOFING FOR OVER 30 YEARS. FROM THE BEGINNING, THEIR COMMITMENT HAS BEEN TO SUPPLY ONLY THE BEST QUALITY MATERIALS, OFFERING THE LONGEST LIFE EXPECTANCY AND PERFORMANCE AVAILABLE. BAILEY'S RANGE OF PRODUCTS AND DEPTH OF KNOWLEDGE IN THE INDUSTRY ALLOW THE SPECIFIER AND CONTRACTOR TO SELECT THE SYSTEM BEST SUITED TO THE FLAT ROOF PROJECT.



Bailey Commodity Systems

A range of SBS (styrene butyl styrene) and APP (atactic polypropylene) modified high performance torch-on felt membranes, forming a cost effective bituminous flat roof system. Suitable for use on flat and sloped/pitched roofs on both domestic and commercial projects and available in various coloured mineral and sanded finishes.



Classic

SBS modified elastomeric bitumen membranes with polyester reinforced capsheet and glass fibre reinforced underlay. Achieving good cold temperature flexibility makes Classic ideal for use in colder weather conditions. Available with 10 or 12 year guarantee.



System 12000

APP modified plastomeric bitumen membranes with polyester reinforced capsheet and glass fibre reinforced underlay. APP modification contributes a greater resistance to heat, resulting in absorption of thermal movement and enabling the felt to resist marking in warmer weather conditions. Available with 10 or 12 year guarantee.



Classic Plus

A similar product to the standard Classic range, but with added thickness of SBS modified bitumen, permitting a longer term, 15 year guarantee.



Bailey System 5000

A single layer, flame-free felt waterproofing system, installed using hot air, totally eliminating fire risk and providing a bituminous alternative to single ply membranes. System 5000 with its traditional mineral finish offers many benefits to both the client and contractor being rapid, safe and clean to install. Special SBS bitumen modification allows activation by hot air welding machines/guns and greater flexibility, absorbing substrate movement. System 5000 is suitable for use in warm and cold roof constructions on new build and refurbishment (including overlay) projects.



Bailey Eco-Roof

One of the only entirely "green" systems in the market place. Intensive and extensive planting coupled with a sustainable waterproofing layer creates a roof which is both environmentally responsible and beneficial. Eco-Roof green roof systems offer the contractor a range of drainage products, growing media and application methods to meet the intended use and aesthetic demands of the project. Biodiverse (brown roof) systems, re-creating natural habitats lost to building can also be produced using standard Eco-Roof products. Conventional layered systems are offered to the contractor with optional pre-grown and established modules for faster installation.

Bailey System 17000

A selection of superior quality, high performance torch-on felts, with the option of single layer or multi-layer waterproofing systems. System 17000 products are manufactured with an untearable spunbond polyester carrier producing flexible and resilient membranes with a life expectancy in excess of 30 years backed up by long-term guarantees. Additional products include anti-root additives for green roof applications and membranes with high compressive strength for structural waterproofing of podiums, basements, car park and bridge decks.



System 17000

APP (actactic polypropylene) modified bitumen capsheet and underlay with resistance to breakdown by UV light and achieving BBA certification. Standard products include 3.0kg/m² underlay, 4.0kg/m² sanded capsheet and 4.5kg/m² green mineral capsheet with various other coloured mineral finishes to special order.



System 17000 Plus

PAO (poly alpha olefin) modified single layer bituminous felt membrane, available as standard in a 5.2-5.6kg/m² green mineral capsheet, with various other coloured mineral finishes to special order. PAO modification combines the best properties of SBS and APP modified bitumen to create a membrane with excellent heat resistance and cold temperature flexibility. This single layer system is particularly suited to overlay projects in both cold and warm roof constructions but can also be used on new build and other refurbishment applications. With only one layer to install, System 17000 Plus is a competitive and rapidly installed waterproofing solution, achieving up to a 20 year insurance backed guarantee.



Self Bond Underlay

A unique bituminous felt underlay developed using thermal adhesion technology. Self bond underlay can be loose laid over the substrate, with the laps sealed by torching. The operation of torching the capsheet to the underlay thermally transmits heat through the membrane, activating the adhesive on the base of the underlay, thus adhering the underlay to the substrate. This product reduces the amount of labour and materials required to complete the waterproofing, eliminates fire risk and enables a quicker, safer and more competitive installation. Self bond underlay can be used instead of the traditional torch-on System 17000 underlay, for 15 year guarantee systems.

Bailey Atlantic

Sustainable TPE (thermoplastic polyethylene) single ply membranes in varying thicknesses. No chloride, fluorides or plasticisers are used in the manufacturing process, totally eliminating the risk of run-off water contamination. Atlantic membranes are 100% recyclable at any stage in life and unaffected by UV light resulting in a life expectancy in excess of 40 years. The membrane can be repaired and re-welded to accommodate future alterations and is flexible, allowing absorption of thermal movement. Atlantic membranes are simple and easy to install, having excellent welding qualities due to a large welding temperature window and a memory enabling the membrane to be pre-folded and formed to suit awkward detailing. Atlantic is chemically inert and compatible with most other building materials including bitumen without the need for a separation layer when used in overlay situations.



Atlantic

A 2mm thick, mid grey colour membrane with other colours available for large projects, certificated by BBA. Supplied as a fleece-backed membrane for bonded applications and unbacked for mechanically fixing, complete with square grid pattern finish which aids slip resistance. Suitable for use under green roofs and available with imitation standing seam profile or integrated PV solar panels.



Atlantic EC16

A similar product to the standard Atlantic membrane, supplied in a lighter gauge, 1.6mm material in light grey (other colours available for large projects). Available as a plain backed membrane for mechanical fix applications only.

Accessories

An assortment of innovative flat roofing tools, fixings and components to assist a swifter, safer and more efficient installation.



Flow-therm

Quality and robust rainwater outlet and ventilation systems for flat roofs, manufactured from rigid polyurethane with integrated membrane flanges in Atlantic material, bituminous felt, PVC single ply and bespoke materials to special order.



Sure-line

Pre-formed roof edging system available in 4 different profiles including a drip edge, watercheck, upstand and wall cover flashing. Produced from galvanised steel with a factory applied felt membrane, Sure-line brings an end to labour intensive detailing, enabling a rapid turn round of contracts.



Sure-bond

One pack PU Adhesives for strip bonding or full surface bonding of fleece-backed membranes and most types of insulation to a variety of substrates. A manageable tin size, with regulating conical nozzle promotes a clean, economical application due to increased coverage rates. Included under the Sure- Bond brand is a specialist contact adhesive for bonding TPO single ply membranes to upstands and details.



Vapour barriers

A choice of aluminium, polythene and bituminous vapour barriers to meet demands of sustainability, safety, low cost and speed of installation. Different application methods including torch on, loose laying and self adhering mean Bailey have a vapour control solution to all situations.



Sure-Fix

Thermally broken tube washer fasteners and screws for fixing membranes, insulation and flashings to steel, timber and concrete decks. Pressure plates and pre-assembled fasteners for cold roof constructions are also available together with labour efficient installation tools.

Complete waterproofing

Bailey having a long standing reputation for supplying quality waterproofing membranes and associated componentry, forming a complete waterproofing package including insulation, rooflights, vapour barriers, fixings, outlets and vents. Bailey's service doesn't stop there, but is backed up by an excellent technical and sales support service. Product training is offered, with on site monitoring and project policing combined with a full design and specification service, drawing on a wealth of experience in the industry, built up over many years.



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