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December 2012

ASHFLOW™

rainwater management systems



www.ashandlacy.com


ASH•LACY



Unrivalled expertise in rainwater management



EFFECTIVE RAINWATER MANAGEMENT IS VITAL TO THE SUCCESS OF ANY BUILDING. THE ASHFAB DIVISION OF ASH & LACY HAS VAST EXPERIENCE IN THE PROVISION OF GUTTER SYSTEMS AND RELATED PRODUCTS AND HAS A DEPTH OF EXPERTISE AND RANGE WHICH FEW CAN RIVAL. OUR COMMITMENT TO RESEARCH AND DEVELOPMENT, AS WELL AS OUR CURRENT INITIATIVES INTO SUSTAINABLE SOLUTIONS SUCH AS RAINWATER HARVESTING, ENSURES THE INCREASING EFFICIENCY OF OUR SYSTEMS TO COPE WITH A FUTURE IN WHICH EVER MORE EXTREME CLIMATIC CONDITIONS CAN BE EXPECTED.

With many years fabrication experience, Ash & Lacy can offer bespoke guttering which is CNC precision engineered and produced by skilled fabricators to suit virtually any application, as well as an off-the-shelf range which has been created for quality and versatility. A number of refurbishment solutions are also available which can add decades to the life of the gutter system.

With technical advice and CAD design readily available from our support team, Ashflow is dedicated to ensuring our customers achieve maximum satisfaction and performance from our gutter systems.

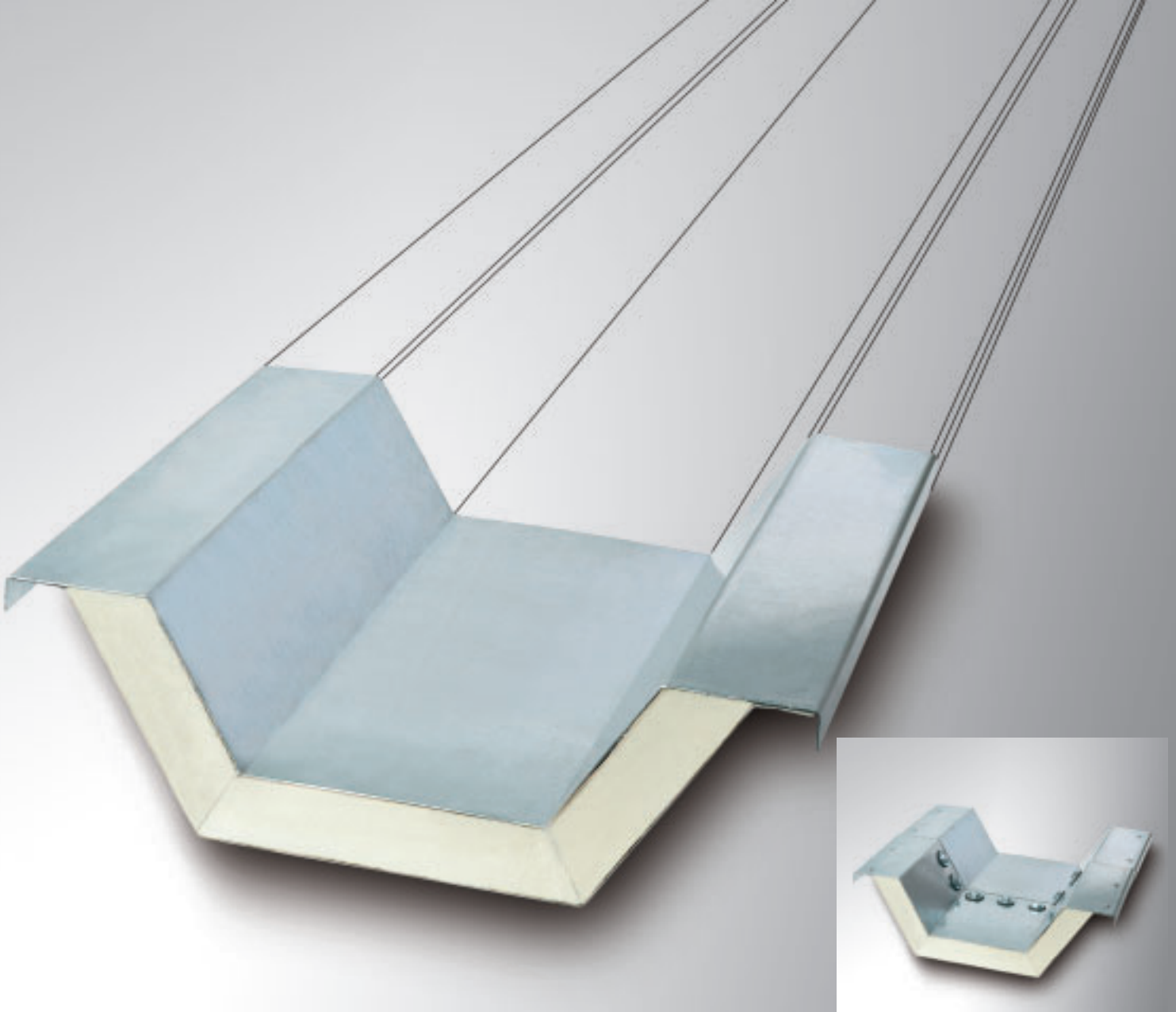


Insulated Gutters

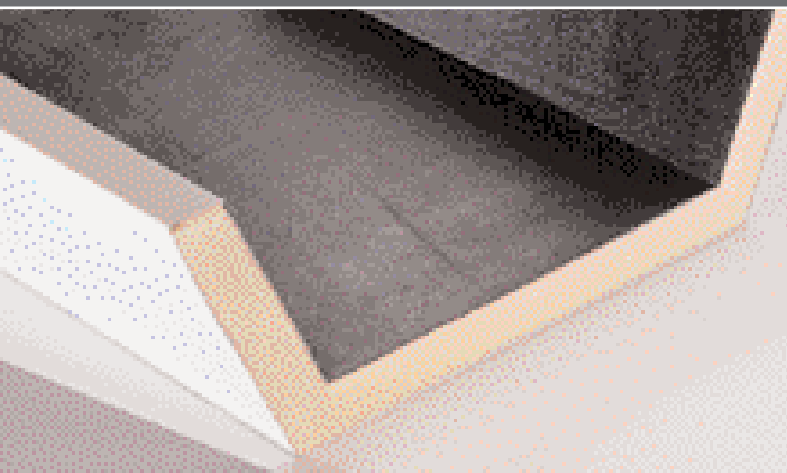
AS RECOGNITION OF THE ENVIRONMENTAL BENEFITS OF INSULATION HAS INCREASED SO HAS THE PRACTICE OF INSULATING ALL GUTTERS WITHIN THE BUILDING'S ENVELOPE. NATURALLY THIS KIND OF APPLICATION PRESENTS ITS OWN SET OF REQUIREMENTS WHICH ARE QUITE DIFFERENT TO CONVENTIONAL GUTTERING.

Ashflow Insulated Gutters are manufactured to order and are available in different widths and varying depths of polyurethane polyisocyanurate and mineral wool insulation bonded to the top external sheet to meet current 'U' values.

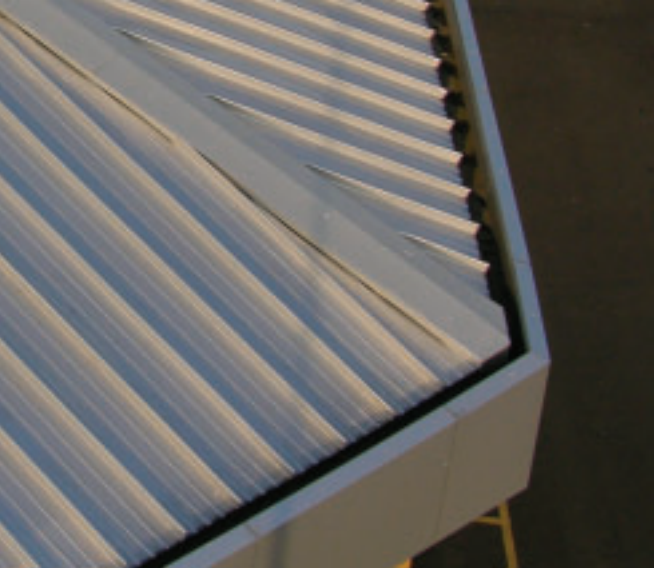
The bespoke system will of course conform exactly to the building's design and is easily put together on-site through joint assembly. Available with a full range of factory fitted accessories, Ashflow Insulated Gutters provide lasting performance in excess of ten years.



- Total bespoke system with factory fabrication eliminating cold spots
- Insulation available in 20mm to 80mm depths as standard, with bespoke depths available on request
- Simple on-site assembly







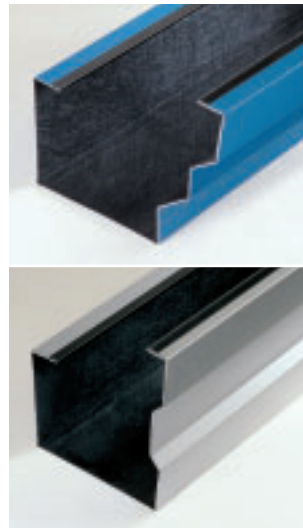
- Colour match to roof or cladding profiles
- Bespoke or standard profiles available
- 15 year guarantee available

Fascia gutters

FOR THE ULTIMATE IN DESIGN INTEGRITY, FASCIA GUTTER SYSTEMS WHICH MATCH THE BARGEBOARD PROFILE ARE NOW A STANDARD REQUIREMENT IN CONSTRUCTION. WITH THE ASHFLOW RANGE, ARCHITECTS AND SPECIFIERS ARE ASSURED THAT THEY CAN ACHIEVE THE RIGHT VISUAL EFFECT AND LOSE NOTHING IN FUNCTIONAL PERFORMANCE.

Ashflow fascia gutters allow a vast range of colour options to ensure a match and can include the long term weather resistant properties of an EPDM lining. The confidence Ash & Lacy have in their product is reflected in the availability of a 15 year guarantee and a life expectancy for the product of over 30 years.

With bespoke profiles made to order by our fabrication specialists and the fast, economical alternative of standard profiles available, this is the kind of perimeter detailing which speaks volumes for quality and can elevate a building's visual appearance above the norm.



Membrane lined gutters

ASHFLOW GUTTERS ARE AVAILABLE WITH EPDM, TPO AND PVC MEMBRANE LININGS.





Aquatite™

Through our close relationship with Corus Colorsteels, we are able to offer a gutter membrane solution to meet the most exacting standards. Under its brand name Aquatite™, this Thermoplastic Polyolefin membrane covers a wide range of rainwater applications including valley gutters, flashings, roofing and parapet copings.

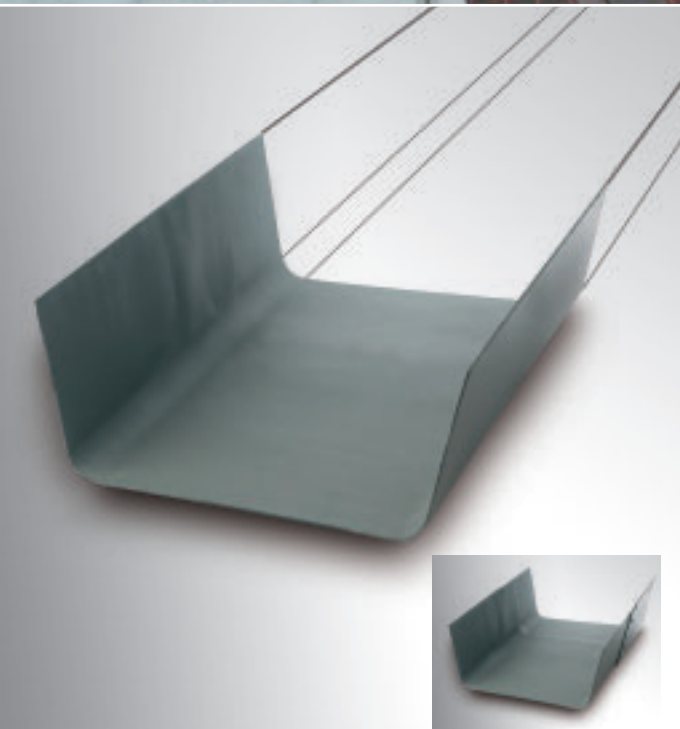
Aquatite™ offers a strong, formable metal substrate combined with a non-permeable weather resistant membrane factory-bonded to the water-carrying surface. This highly effective construction gives a superior quality finish for maximum drainage efficiency. It also comes with a leading guarantee and technical support, plus the reassurance of being a safe, green solution.



Raintite™/FATRA

For longevity and performance, Raintite is a superb system with a life expectancy of over 35 years. Complete with 30 years BBA certification, the bonded waterproof membrane is formed of environmentally-friendly sealed PVC.

This offers a maintenance-free system which is designed to withstand ponding and other weather extremes. Available in a variety of colours and thicknesses, and applicable to both aluminium and steel rainwater products, this provides the flexible solution to a wide range of building designs.

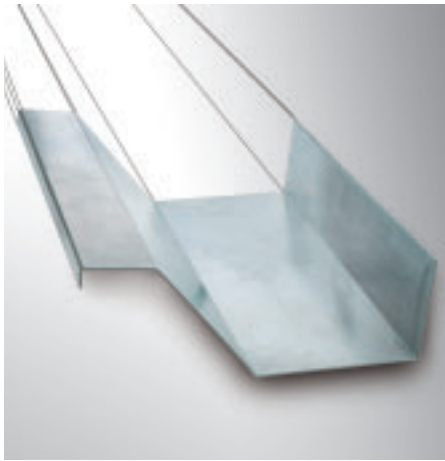


EPDM bonded membrane system

Ashflow EPDM membrane gutter systems are fully factory bonded to eliminate the problems of corrosion, joint leakage and stability. It means we are able to offer a 15 year guarantee with a life expectancy in excess of 30 years.

Using an adhesive bond, the membrane sheets can be quickly fused together, resulting in a bond that is actually stronger than the sheet itself. For prestigious projects, Ashflow's membrane lined gutters will bring an unrivalled level of rainwater management over the long term.

Single skin gutters

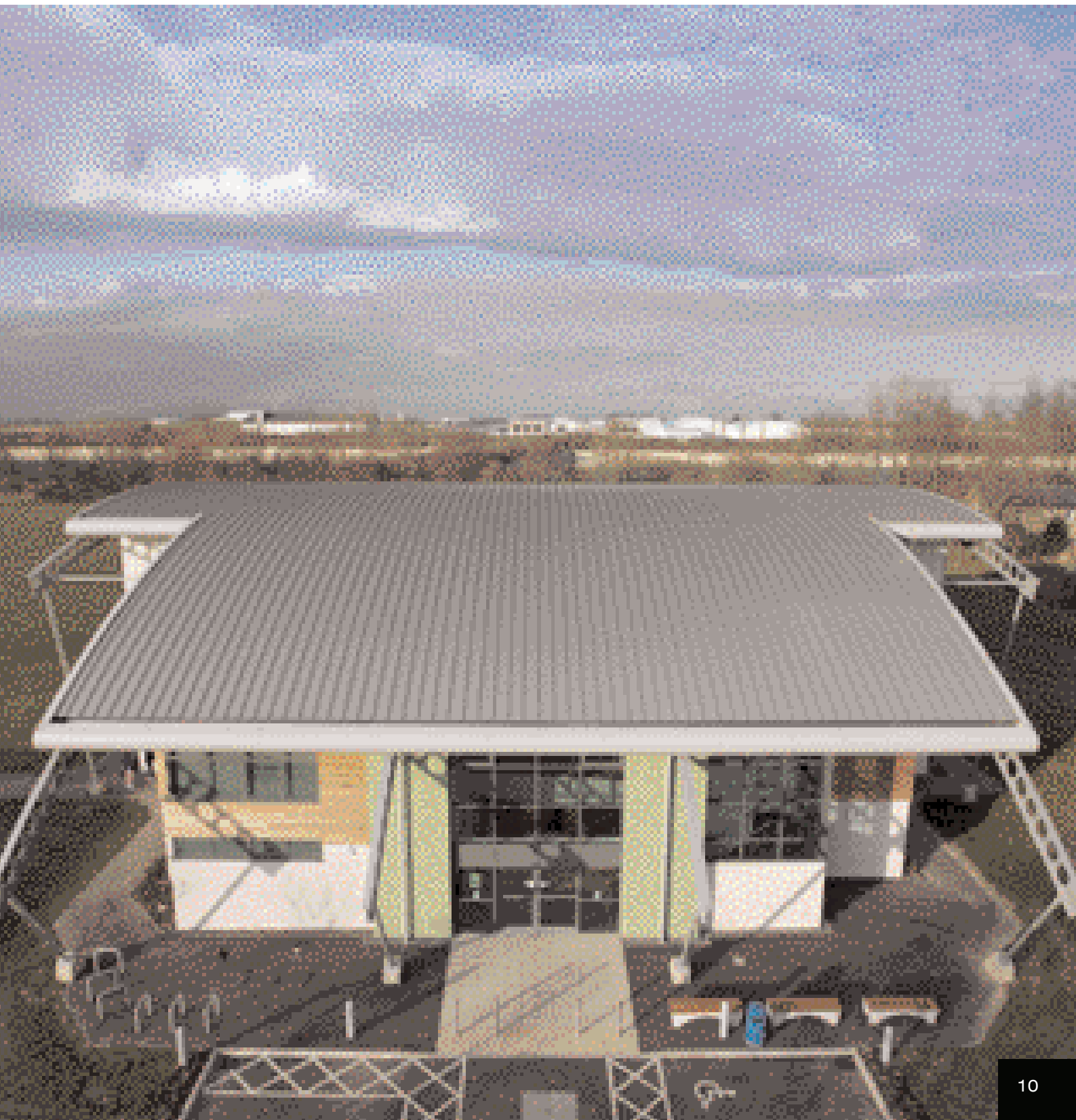


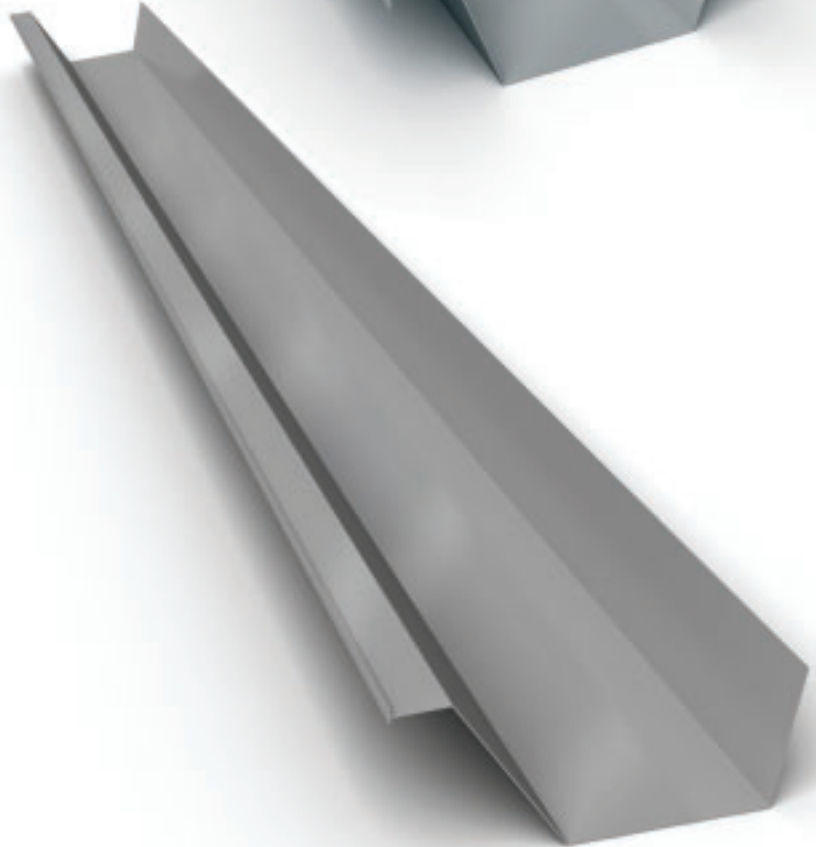
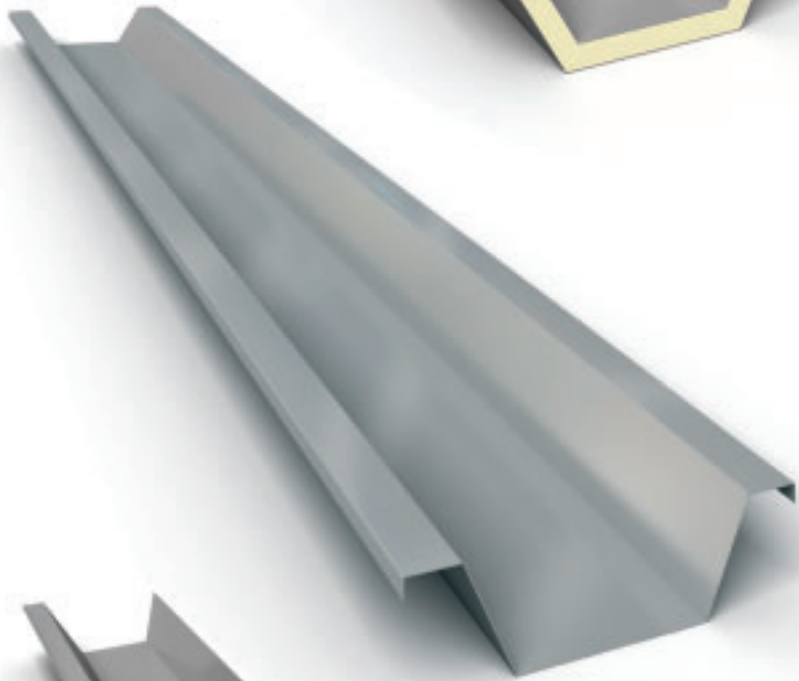
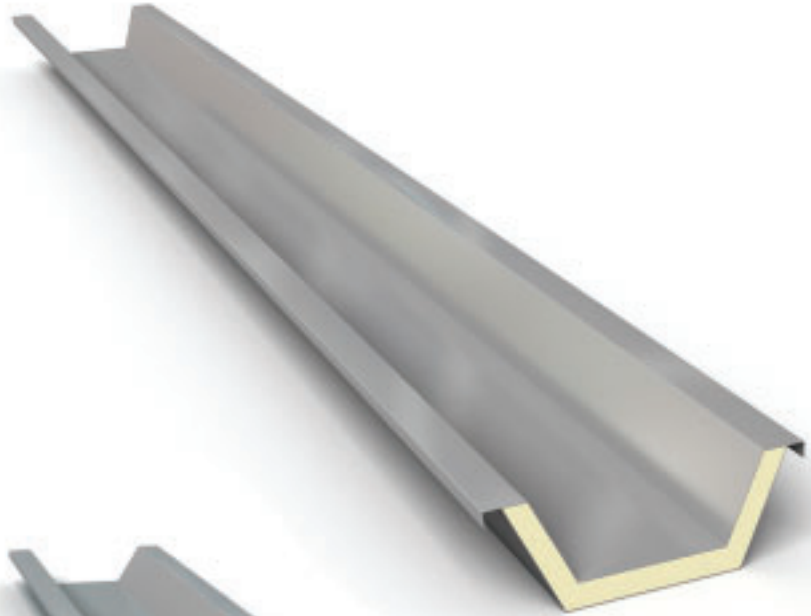
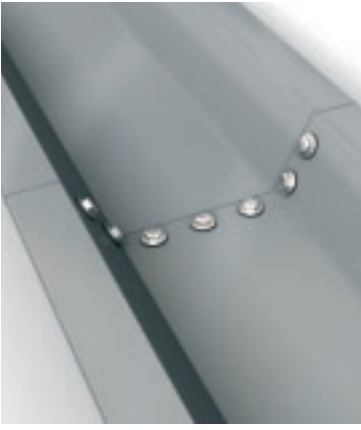
WHERE NO INSULATION IS REQUIRED IN EXTERNAL OR INTERNAL GUTTERS OR WHEN SITE ASSEMBLY IS REQUIRED, ASHFLOW'S SINGLE SKIN GUTTER SYSTEMS PROVIDE THE VERSATILE SOLUTION. THE PRODUCTS ARE AVAILABLE IN A RANGE OF MATERIALS, INCLUDING GALVANISED STEEL, ALUMINIUM AND PRE-COATED FOR A COMPREHENSIVE CHOICE OF COLOUR FINISHES.

- Products available in a range of materials
- Simple site assembly

The single skin allows simple site assembly in a range of applications which includes Eaves, Boundary and Valley guttering and can be supplied with the accessories needed for specific usage. The systems have been designed for ease of use, efficiency and unobtrusive appearance.

For many applications, Ashflow's range of standard profiles will meet the specification, but if a customised product is required Ash & Lacy offer a complete service which includes design and technical support as well as manufacture of the bespoke gutter system.





ASHFLOW GUTTERS ARE AVAILABLE WITH A RANGE OF INTERNAL COATINGS TO SUIT SPECIFIC APPLICATIONS, INCLUDING CHLORINATED RUBBER, TCN 440 AND BITUMIN PAINT, OR FOR THE ULTIMATE IN GUTTER COATING THERE IS A POLYMER TPO BASED PRODUCT CALLED ASHWELD.



Coated gutters

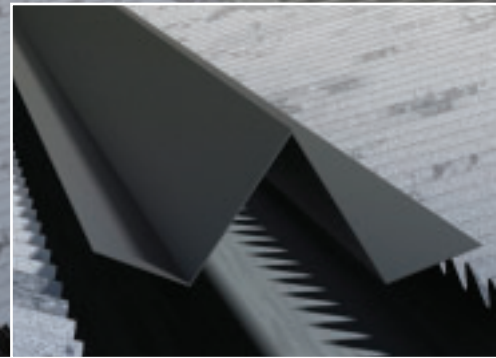
What is Ashweld?

Ashweld is a performance polymer TPO based coating that is a thermoplastic coating powder which has been designed to provide long lasting tough coatings to aluminum, mild and galvanized steel applications generally but not exclusively on external gutters. Predominantly it was developed as a direct alternative to the old fashioned bitumen based TCN coatings but has now evolved into a weldable coating similar that of TPO membranes we commonly see used in today's market place.

Advantages:

- Environmentally friendly TPO based.
- 25 year supplier backed “coating” guarantee of which upon choice could be offered to all of our customers who use this product.
- Pre and post formable. (i.e. flat sheet can be fabricated into a gutter as a pre coated product or post coated as we do TCN 440)
- Does not carry the extended lead time on ancillaries generally associated with other membrane products.

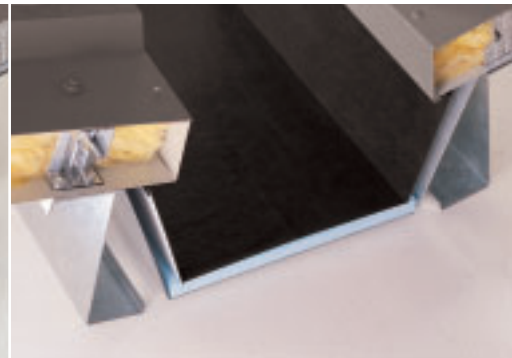
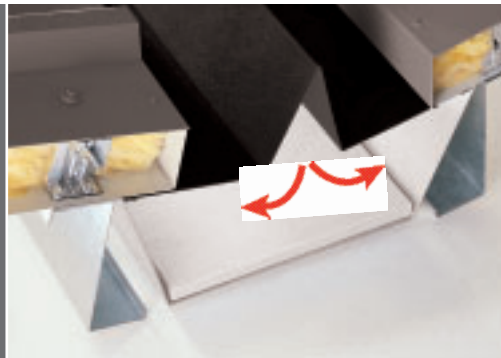
- Provides a smooth, non-porous surface
- Physiologically and toxicologically safe
- 25 year guarantee available on request



ALL GUTTERS HAVE A FINITE LIFESPAN AND ONCE THEY FAIL EITHER THROUGH JOINT FAILURE OR CORROSION THE COST IN WATER DAMAGE CAN BE CONSIDERABLE. IN THE PAST, A LONG TERM EFFECTIVE REFURBISHMENT SOLUTION HAS BEEN HARD TO ACHIEVE AND OFTEN EXPENSIVE, BUT WITH ASHFOLD'S REMEDIAL LINING SYSTEM THERE IS NOW A HIGH QUALITY ANSWER FOR VIRTUALLY ANY GUTTER DESIGN, DRAMATICALLY INCREASING THE LONGEVITY AND CONTINUED PERFORMANCE OF THE ORIGINAL SYSTEM.

Gutter refurbishment

- Products available in a range of materials
- Simple site assembly
- Standard and bespoke gutter systems available



Ashfold EPDM linings are formed of a durable composite material of synthetic rubber and pre-coated steel laminate. The key to the product's effectiveness is its ability to hinge and fold into any position thereby eliminating the problems of obstructions and confined areas which render more conventional methods ineffective.

The ease of installation means Ashfold can be installed in varying weather conditions with no disruption. Joints are quickly double sealed to provide a watertight seal. A 15 year guarantee is available for Ashfold and its life expectancy is well in excess of 30 years.

Environmental initiatives

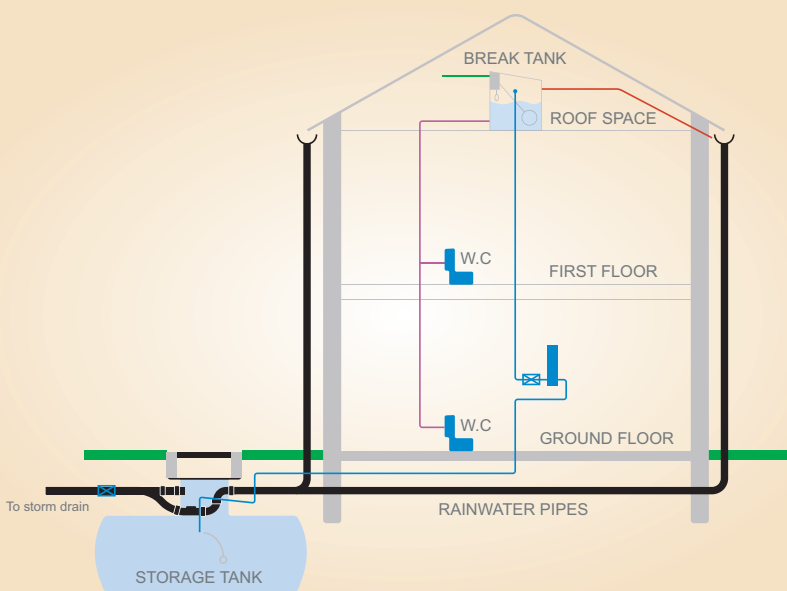


ENVIRONMENTAL ISSUES ARE MOVING TO THE HEART OF ALL THE ACTIVITIES AT ASH AND LACY, AND WE CONTINUALLY MONITOR OUR PERFORMANCE IN ACHIEVING SUSTAINABLE DEVELOPMENT. WE ARE FULLY COMMITTED TO ENVIRONMENTAL INITIATIVES GENERATED BY THE BISNES GROUP THROUGH THE REGULATION OF COMPANY POLICIES RELATING TO COMPANY CARS, WASTE MANAGEMENT AND THE ENVIRONMENT IN GENERAL.

Our nationwide network of comprehensive stockholding centres means shorter delivery journeys, and of course the upgrade of insulation values through new or refurbished gutters results in buildings with a reduced carbon footprint.

The majority of gutters supplied by Ash & Lacy are fully recyclable, including those with the Aquatite & Raintite membranes, and for customers who are interested in the growing practice of rainwater harvesting we can advise on the design of the system and suitable equipment.

Rainwater Harvesting



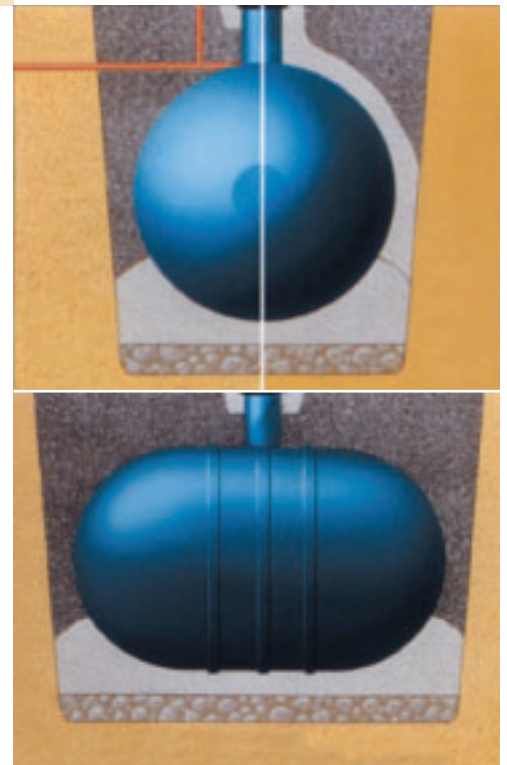
- Recycled materials used wherever possible
- Nationwide distribution network for shorter delivery journeys
- Advice available on rainwater harvesting and other environmental initiatives

Ash and Lacy's extensive range of guttering and rainwater goods, together with a high level of technical knowledge and CAD capability means we have the products and the skills to design effective rainwater systems.

To further our sustainable product offering, we have partnered with Aquaco™ who specialise in water recycling and treatment suited for a wide range of various applications in all sectors of the building industry.

Aquaco™ offer tailored systems for Rainwater and Grey Water recycling which can reduce the carbon footprint of a building, while also reducing the running costs.

For further information on Aquaco™ and their products, please visit www.aquaco.co.uk.



ASHLOW GUTTER SYSTEMS COME WITH A FULLY COMPLEMENTARY RANGE OF ANCILLARIES, COVERING EVERYTHING FROM DOWNPIPES TO FIXINGS. THE DOWNPIPES ARE DESIGNED TO THE GUIDELINES OF BS 12056-3:2000 CODE OF PRACTICE FOR GRAVITY DRAINAGE SYSTEMS AND ARE SIZED ACCORDINGLY.

Ancillaries

Ashflow ancillaries enable consistent design elements and avoid any weak points in the system through the use of non-compatible or inferior products.

Ash and Lacy's vast experience in fabrications and fasteners is your guarantee of an integrated system that offer complete reliability combined with good design.

- Precision manufactured for consistent quality
- Wide range of complementary designs available
- Both standard and bespoke products





ALL ASHFLOW RAINWATER MANAGEMENT SYSTEMS COME WITH AN ADDITIONAL COMPONENT - OUR EXPERTISE. HELPING YOU ACHIEVE THE SYSTEM THAT IS COMPLIANT WITH THE LATEST BS REQUIREMENTS. OUR SPECIALIST TEAM AND DEDICATED SOFTWARE CAN MAKE THE DIFFERENCE.



Design and technical support

Using CRM Gutterflow, the industry standard gutter calculations package, a system can be quickly checked for capacity and analysed with no laborious calculations required. For a complete design service our technical team are fully equipped with constantly upgraded CAD software and are highly experienced in meeting the aesthetic demands of architects as well as solving complex flow problems.

An inadequate rainwater management system can cause long term problems which eventually require expensive remedial measures. With Ash & Lacy's support there is a certainty that the system will be designed to a high level of capability in every aspect.

- Full technical service support
- Capacity analysis and complete design service
- National network of sales managers

A photograph of a modern building's curved, ribbed facade against a bright sky. The building's surface is composed of horizontal, light-colored panels that create a strong sense of rhythm and depth. The curve of the building leads the eye from the bottom left towards the top right. The sky is a pale, uniform color, providing a clean background for the text.

An integrated

product range



ASH AND LACY ARE ONE OF THE INDUSTRY LEADERS IN THE DESIGN, MANUFACTURE AND SUPPLY OF BUILDING PRODUCTS AND THE RANGE IS WIDE ENOUGH TO COVER VIRTUALLY EVERY ASPECT OF THE BUILDING'S ENVELOPE. ASH & LACY ARE COMMITTED TO CONTINUOUSLY STRIVING FOR TECHNICAL EXCELLENCE WHILE PROMOTING THE NEED FOR MEETING INDUSTRY BEST PRACTICE STANDARDS.

GUTTER CALCULATION SOFTWARE NOW AVAILABLE ON OUR WEBSITE:
WWW.ASHANDLACY.COM

Ashflow Rainwater Management Systems integrate perfectly with other Ash & Lacy products, which include standing seam roofing, rainscreen cladding, flat roof solutions, fasteners and spacer support systems.

Ash & Lacy products are manufactured to BS EN ISO 9001: 2000 and approved by organisations such as CERAM, the British Board of Agrément and Lantac. The company also belongs to the AWM Alliance Warranty Management scheme which means we can offer insurance backed guarantees covering defective materials, workmanship and design.

ASHZIP: STANDING SEAM ROOFING SYSTEMS

ASHFAB: ARCHITECTURAL FABRICATION & RAINWATER SYSTEMS

ASHFIX: FASTENER & ACCESSORIES FOR THE METAL CLADDING INDUSTRY

ASHJACK: OVER-ROOF CONVERSION SYSTEMS

ASHGRID: SPACER SUPPORT SYSTEMS

ASHTECH: RAINSCREEN CLADDING SYSTEMS



Fabrications and Flashings
Spacer Support Systems
Rainscreen Cladding Systems
Standing Seam Roofing Systems
Over-Roof Conversion Systems
Fasteners and Accessories

West Bromwich. Bromford Lane, West Bromwich, West Midlands B70 7JJ

Tel: 0121 525 1444 Fax: 0121 525 3444

also at: London. Gateway 3, Davis Road, Off Cox Lane, Chessington, Surrey KT9 1TD

Tel: 020 8391 9700 Fax: 020 8391 9701

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Tel: 0141 950 6040 Fax: 0141 950 6080

E-mail enquiries to: sales@ashandlacy.com

Ash & Lacy reserve the right to amend product specifications without prior notice.
The information, technical details and fixings advice are given in good faith but are intended as a guide only. For further information please contact Ash & Lacy Building Systems.
All products are supplied in accordance with the Ash & Lacy Terms & Conditions of Sale.

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