Our mission is to carry out our Roofing and Cladding contracts, using the best and technically most appropriate products in order to give our customers the best value in accordance with their budgetary and performance requirements.

For 140 years BriggsAmasco, originally founded by William Briggs in Dundee, have been providing a service to the Waterproofing Industry, based on their technical expertise, contracting skills and customer service. Today BriggsAmasco are part of the international IKO Group who are one of the world leaders in waterproofing, with manufacturing plants in the USA, Canada and across Europe.

In the UK, the group companies manufacture and supply a complete range of Bituminous, Mastic Asphalt, Single Ply, Liquid Roofing and ancillary products to the roofing market, all of which are installed by BriggsAmasco. With 14 strategically located branches across the country, BriggsAmasco can truly supply a One Stop Shop for the most complex roofing projects.

The BriggsAmasco Service
Each branch offers a total service to its locality - surveying, estimating, contract management, and has the support of technical design teams with CAD facilities. For larger contracts designated project management teams are established in order to ensure efficiency and co-ordination on site, and work with other interfacing contractors. The branch network ensures that BriggsAmasco can give a national roofing service backed with local knowledge and expertise. Each contract is supported by job specific method statements and risk assessments. BriggsAmasco are also competent to act as Principal Contractor if a contract comes under the scope of CDM, and as planning supervisor if required.

The BriggsAmasco Commitment

Safety
BriggsAmasco operate a ‘top down’ safety policy ensuring that every employee is aware of their responsibilities for safety concerning both themselves and others. This philosophy is supported by a documented policy and by full-time qualified Safety Advisors, ensuring compliance with both company rules, and current legislation.

Supply Chain
BriggsAmasco are proud to offer their services in partnership with only the premier roofing and cladding product manufacturers. We operate an effective commercial and technical appraisal system of all suppliers - 95% of product procurement is through partnership agreements.

Insurance
BriggsAmasco, in order to give our clients total comfort, carry substantial insurance for third party and employers’ liability, contractors all risk, and professional indemnity; insurance documents are available for inspection.

Quality & Experience
Established in 1865 the company are one of the largest Roofing and Cladding contractors in the UK, with a mainly directly employed labour force. BriggsAmasco have expertise in both the Refurbishment and New Build Roof market places, carrying out over 2,000 projects yearly, from small refurbishment projects to multi-million pound contracts, supported by a dedicated technical department. BriggsAmasco have operated a Quality System since 1988 and are registered to ISO 9001:2000.

Guarantees
BriggsAmasco offer guarantees on approved specifications normally under the aegis of the product manufacturer. Guarantees can cover design, materials and workmanship. Insurance backed guarantees are also available.

Clients
BriggsAmasco’s customers vary from single unit property owners, to major blue chip customers with multi site property portfolios, including major retailers, housing associations, facility management companies, local and national government agencies, educational bodies, health trusts and their professional advisers.
Bamburgh Castle, Northumberland

Energy Centre, Heathrow T5

Mastic Asphalt

Forth Road Bridge, Scotland
- approximate area: 6000 m²
- approximate value: £1.5m
- specification: Mastic Asphalt

www.briggsamasco.co.uk
enquiries@briggsamasco.co.uk
The Material
The material is made up of graded aggregates bonded together in suitable bitumen, which when solid forms a dense, voidless impermeable mass, but when heated to the correct temperature is spread by a hand float. In the hands of a BriggsAmasco craftsman it can be used to waterproof not just large flat areas but the most intricate details.

The Advantages
1. Long Term Durability
2. Proven Performance
3. Seamless
4. Suitable for Heavy Trafficking
5. Not susceptible to Wind Uplift
6. Can be applied to Sloped, Vertical or Curved Surfaces
7. A.A Fire Rating

Polymer Modified Asphalt
This is a Mastic Asphalt which has been manufactured using a polymer modified bitumen. The product contains all the performance advantages of standard asphalt, but it also has enhanced handling characteristics and increased high temperature stability.

BriggsAmasco craftsmen have been applying Mastic Asphalt for generations and today use their traditional skills to also lay Hot Melt Monolithic Roofing and Waterproofing Systems.

Flat Roofing
Mastic Asphalt is highly suited as a flat roofing material where it is not excluded by weight considerations.

Roof Gardens – Extensive and Intensive
Mastic Asphalt is a suitable waterproofing membrane for all types of green roofs because of its long term performance and durability; important where subsequent access to the membrane will be difficult.

Car Parks
For parking, service decks and loading bays, Mastic Asphalt still provides the most durable and best performing waterproofing solution.
Modern felt manufacture is based on a non-woven polyester fabric which is rot proof and very strong; this comes in different weights depending on application and use, and it is impregnated with bitumen.

Coating Compounds:
Traditional felts use oxidised bitumen (unmodified). BriggsAmasco recommend the use of modified bitumens; either SBS, rubber modified elastomeric bitumen which gives excellent low temperature flexibility, and also increases the ability to handle flexural movement or APP, polymer modified bitumen, which gives good low temperature flexibility, resistance to slump and is notably easier to apply.

Methods of Application
BriggsAmasco operatives are fully trained (CSCS accredited) in the different methods of applying felts.

• **Pour and Roll:**
  The traditional method, where hot bitumen is heated to between 220-240°C, is poured in front of a roll of felt. This gives total adhesion to the substrate.

• **Torch On:**
  This is the application of flame from a gas torch, to the leading face of the roll of felt with a heat activated coating, which then creates a molten flow in front of the roll. BriggsAmasco operatives are aware of the potential hazards of using torch applied membranes, and are trained to follow the correct, and recommended good practices in their application.

• **Cold Applied:**
  The ever changing and more demanding pressures of the commercial market continue to place different demands on the roofing market. Today there is a call for Cold Applied products. With the traditional benefits of a felt system BriggsAmasco can satisfy this requirement. One of our major supply chain manufacturers produce a state of the art bituminous felt system – 4.5mm thick – which is mechanically fixed with hot air welded laps, in addition it can be coupled with its own insulation system – cold applied – long life expectancy – suitable for lightweight construction.

Life Expectancy
BriggsAmasco use felt products which are supported by BBA (British Board of Agrément) Certificates; many now quote a life expectancy of 25 years for felt systems. Guarantees for up to 20 years are offered covering materials, workmanship and design.

**Reinforced Bituminous Membrane (RBM) roofing is still today the most widely specified and used form of flat roof waterproofing, in its many different varieties, all of which are supplied and fitted by BriggsAmasco.**
Applications
Applications to most types of roof construction are possible, not just flat, but also to pitched, barrelled, vaulted and vertical surfaces, and not just to larger, new build commercial and industrial developments, but also to major refurbishment projects. Since the introduction of Single Ply systems to the UK over 25 years ago BriggsAmasco have successfully contracted Single Ply membranes in all such situations.

The Materials
A variety of materials and specifications are available to suit different applications and design requirements.

PVC or TPE:
Polymer type membranes are joined and detailed using hot air welding, and are either mechanically fixed or fully bonded or ballasted. Different colours and walkway systems can be introduced if desired.

EPDM:
This is a synthetic rubber membrane, large sheets can be pre-fabricated under factory conditions before being to site, therefore reducing application times. Joints are normally adhesive bonded.

The Benefits
Single Ply materials offer a range of benefits which appeal to building owners and their professional advisors.

- They offer ease and speed of application.
- They are clean and lightweight.
- They are cold applied with no need for hot work certificates.
- They are strong, flexible membranes with long life expectancy of 30 years or more.

For over twenty years Single Ply Membranes, that is roofing systems which essentially consist of one layer of roof waterproofing membrane, have been successfully used in the UK.
The flexible, functional but creative approach to modern construction

BriggsAmasco have for many years been at the innovative forefront of contracting in the field of Sheeting and Cladding, throughout the UK. Our experience has been gained by working closely with the premier producers.

The Material
Each of the 14 strategically situated branches enables BriggsAmasco to offer a service nationwide. Designated project and contract management teams offer a total service – surveying, estimating, contracting, with the support of technical design teams with full CAD facilities, designed to give our customers total satisfaction.

The Systems
All systems installed have been technically approved by BriggsAmasco’s own technical manager. There are then included into our own supply chain, covering the following elements:

- Composite insulated roof panels
- Standing Seam Systems
- Profiled roof sheeting with liner panel and insulation
- Composite gutters
- Rooflights
- Composite insulated wall panels, inclusive of flat panel
- Profiled wall cladding with liner panel and insulation

Design
Modern Sheeting and Cladding systems offer great flexibility of design in both refurbishment and new build. Flat to pitch conversion and over roofing are possible. Practically any shape of roof and colour finish can be provided, coupled with on site fabrication when required. All of these design possibilities can be provided by BriggsAmasco.
The Material
Hot Melt systems are rubberised bituminous products formulated from bitumen, synthetic or natural rubbers, oils and a filler such as clay. They are normally delivered to site in containers of varying size with separated cakes of material packed into them. These cakes are fed into a melter at a controlled temperature in the region of 200°C. The systems, which are liquid applied and therefore bond to the substrate, can be described as monolithic ensuring no possibility of water ingress.

Application
The nature of the material makes it possible to apply upstand and detail areas independently, prior to laying main deck areas. Detail application is by hand held floats or trowels, while the main deck is by speedy squeegy use. BriggsAmasco operatives, skilled in the traditional application of Mastic Asphalt, quickly became expert in the use of Hot Melt, which is applied in two layers to a nominal thickness of 6mm.

Benefits
1. Essentially Hot Melt is a ‘protected system’ and is therefore ideal for use as part of an inverted or Green roof design. Most manufacturers offer complete packages for these options.
2. A 100% bond can be achieved to a number of substrates including pre cast concrete, concrete blocks and suitably treated timber. (Generally lightweight structures are not suitable.)
3. Hot Melt is a fully bonded monolithic system which correctly applied eliminates the possibility of water tracking below or behind the membrane.
4. The systems offer flexibility across the temperature range, and in dry conditions can be applied at low temperatures.
5. As a fully protected system it offers effective waterproofing for the design life of the building.

All BriggsAmasco branches are experienced in the application of Hot Melt monolithic membranes, particularly when used in conjunction with the installation of Green Roofs; a skill which has been achieved by all our contract personnel through regular training and numerous completed contracts.

Hot Melt has been used on numerous new build developments in recent years as a waterproofing membrane of the structure, taking advantage of its speed and ease of application.

The modern, cost effective waterproofing for protected roofs, green roofs, podiums and water features

Long Lasting  |  Monolithic  |  Fully Protected

Hot Melt Roofing System
- Ballast
- Filtration Sheet
- Insulation
- Protection Sheet
- Hot Melt Top Coat
- Reinforcing Membrane
- Hot Melt Base Coat
- Concrete Deck

Strathclyde University, Glasgow Detail Work
Apartment Buildings Knightsbridge, London
entirely safe & guaranteed

Palestra Building, London SE1

Another environmentally friendly roof in the centre of London, with a fully insulated inverted roof incorporating solar panels giving both environmental and sustainable advantages.

Palestra Building, London SE1
approximate area 4900m²
approximate value £430k
specification Hot Melt

City Council Offices, Edinburgh
approximate area 4500m²
approximate value £395k
specification Hot Melt/Green Roof
**Case Studies**

**completely tried & tested**

**City of Edinburgh Council Offices**

A prestigious contract which has had a very dramatic visual and environmental impact within a World Heritage Site in Edinburgh City Centre. The Glasgow Branch had a major input into ensuring that the project achieved an overall high standard of sustainability as required by the client.

- **City Council Offices, Edinburgh**
  - approximate area: 4,500m²
  - approximate value: £950k
  - specification: Hot Melt/Green Roof

**Forth Road Bridge, Scotland**

BriggsAmasco are one of the very few companies with the capacity to provide up to twenty directly employed skilled asphalters for a project of this size. Re-surfacing the southbound main span of this famous suspension bridge, working only at weekends, the asphalt was laid in bays by hand to a thickness of 36mm, the material being delivered directly to site in thermostatically controlled hot charge vehicles by Permanite.

- **Forth Road Bridge, Scotland**
  - approximate area: 600m²
  - approximate value: £1.5m
  - specification: Mastic Asphalt

**clearly built to last**

**Bamburgh Castle, Northumberland**

An interesting project with intricate detail work called upon all the traditional skills of our team of expert asphalters working through the winter months. This historic castle, now a part museum and residence, stands above the rugged North Sea coast. Throughout the refurbishment the historic integrity of the building was maintained.

- **Bamburgh Castle, Northumberland**
  - approximate area: 440m²
  - approximate value: £30k
  - specification: Mastic Asphalt

**simply more experienced**

**Providence Wharf, London**

The increasing importance of sustainability in new build is demonstrated in this major project at Canary Wharf. This extensive green roof incorporated four oasis/ pools which were designed to accommodate ground nesting birds, in particular the native breeding Black Redstart which the RSPB aims to re-establish in this part of the Thames hinterland.

- **Providence Wharf, London**
  - approximate area: 2,500m²
  - approximate value: £400k
  - specification: Hot Melt/Green Roof
Peace of mind with an efficient, cost effective roof maintenance service

Providing clients with an efficient, cost effective roof leak repair and maintenance service on a regional or national basis.

Established for 50 years
BriggsAmasco Maintenance incorporating Maurice Hill, an organisation which has over 50 years of experience in providing a solution for building owners in both planned and reactive maintenance.

A fully national service
The BriggsAmasco Maintenance operation is fully supported by the 14 strategically situated BriggsAmasco branches, spanning from Aberdeen to Plymouth, giving a truly national infrastructure and service. The centre of its operations is in Manchester.

Employees
It is our policy to only utilise directly-employed operatives working on our clients contracts, thus ensuring a consistently high level of customer service and quality workmanship across the UK.

The training needs of all employees are assessed on an annual basis and each individual receives on-going training on the different product methods of application and Health and Safety awareness and practice. All our employees carry up to date CSCS cards.

Health & Safety
Health and Safety is of paramount importance for the well being of our clients, the public, and our employees. Our commitment is supported by a documented Health and Safety Policy implemented by two full-time qualified Safety Advisors, ensuring compliance with both company requirements and current legislation.

Insurance
In order to give our customers total comfort we carry substantial insurance; third party and employers' liability, contractors all risk, and professional indemnity. Please visit our web site for full details: www.briggsamasco.co.uk

The Service

Emergency Cover
We will normally respond to a client’s leak reports by carrying out repairs within 24 hours. In the event of an emergency i.e. when water ingress is affecting the trading operation of a business, or there is an issue relating to health and safety the response will be within 4 hours.

Communication
After carrying out all repairs, a clearly structured report will be issued supported by digital images in order to illustrate items identified. If further works are considered necessary this will also be indicated and budget costs provided.

Personal Service
Visits to sites will be by two fully equipped, trained, and directly employed operatives.

Policy & Legislation
BriggsAmasco Maintenance will carry out works under its own documented Health & Safety policy, ensuring compliance with all current legislation. We can supply all safety documentation in our own format, or one of the customer’s choosing.

Any type of roof
The company undertakes the repair and maintenance of all types of roofing, specialising in single ply, built up felt, asphalt and all kinds of profiled metal roofing.

Centrally Operated
The centre of the BriggsAmasco Maintenance operation is based in Manchester, where a dedicated support team can respond directly to a customer or their help desk, giving anticipated response times to an emergency call, relay progress reports and provide other back up information.

Client focused
The nature of the service offered by BriggsAmasco Maintenance to individual clients is based totally on the needs and requirements of the client, from in-depth discussion and inspection of the client’s property portfolio. The service provided can vary from an annual or bi-annual cleaning of rainwater outlets and gutters, to a full national emergency leak repair and maintenance service.