



GUARANTEED ASPHALT MANUFACTURING



**GUARANTEED
ASPHALT**



GUARANTEED ASPHALT THE COMPANY

Guaranteed Asphalt (Corby) Limited is a major UK manufacturer of Mastic Asphalt established in 1982 as a wholly owned subsidiary of Guaranteed Asphalt.

Based in Corby, Northants, the plant is ideally located close to motorway links enabling rapid delivery within the UK and easy export to all parts of the world.

Mastic Asphalt is used principally in waterproofing systems and protective coatings but its versatility lends it to a multitude of uses.

Whilst it is one of the worlds most traditional construction materials it has continued to develop with the times and even in todays fast-track building industry polymer modified mastic asphalt remains the unrivalled choice for many designers and specifiers.

GUARANTEED ASPHALT MANUFACTURING DIVISION

The company operates under a Quality Assurance Scheme to BS EN ISO 9002:1994 producing both British Standard and high performance polymer grades for a wide range of applications.

Special Design Mixes

The Company offers a comprehensive and expert design mix facility for specialist applications and projects. In partnership with major clients we have developed mixes for Sea Wall Defences, Steel Bridge deck waterproofing and wearing courses, mastic asphalt screeding for roofs, patios, balconies and car parks. We have also developed special flooring for chemically hostile environments. The company has a Contracting Division in Mercury Way in

South East London. Both the Manufacturing and the Contracting divisions are members of MAC (The Mastic Asphalt Council) and provide comprehensive Technical Support to Designers, Architects, Specifiers and end users.

Polymer modified mastic asphalt can only be installed by approved contractors who can offer comprehensive guarantees on both labour and materials.

Guaranteed Asphalt Limited has a network of registered contractors who carry out the installation of mastic asphalt to high standards and would be pleased to supply details on request.



ASPHALT PLANT

The company has a unique range of asphalt plant including hot-charge transport capable of delivering loads from 5-20 tonnes. In the case of hot charge, molten asphalt can be decanted into small one tonne mixers and distributed to the point of laying utilizing a specialist combined hot-charge crane unit saving on scaffolding and hoisting. Block deliveries up to 28 tonnes can be made using Hyab or Moffat self off load facilities.

PRODUCT GUARANTEES

A range of Guarantees are available from Guaranteed Asphalt Limited to provide cover up to 20 years including insurance backed options.

For further information please contact Guaranteed Technical Services on 020 7732 7781.



ASPHALT SCREEDS

Asphalt screeds can be specified in the majority of cases falling to minimum thicknesses where traditional sand/cement and lightweight screeds require a minimum thickness of 50mm. In addition to replacing a "wet trade" mastic asphalt screeds can be trafficked when cooled to ambient temperature and provide temporary waterproofing to enable internal trades to progress, with no need for a separate vapour control layer.

Choosing Asphalt

By choosing asphalt roofing adequate drainage is achieved by using a minimum finished fall of 1:80. Whilst other flat roofing materials usually require a minimum fall of 1:60 resulting in direct additional construction costs.

HIGH PERFORMANCE MEMBRANES

Guaraflex R Waterproofing System Certificate No. 00/3701

This system is for use on flat, limited access or pedestrian access roofs with suitable protection including inverted roof specifications.



Guaraflex R Tanking System Certificate No. 00/3701

This system is for use as internal and external waterproofing, including below ground waterproofing on substrates of concrete, brickwork, blockwork or masonry and in damp proofing applications including as a DPM for solid floors.



Guaraflex R Waterproofing and Paving System Certificate No. 00/3691

This system is for use on elevated decks for cars, light commercial and heavy goods vehicle (HGV) service decks.



Installation

The systems are laid using the techniques for mastic asphalt described in the relevant clauses of BS 8218:1998, manufacturers current product literature and or written technical specifications which may vary from standard given site constraints.

Delivery

The product is normally delivered for use in bulk transporters containing the necessary coarse aggregate addition for the nominated paving thickness.

Block material for traditional site remelt is available for detail work and smaller horizontal areas.

BRITISH STANDARD PRODUCT RANGE

Roofing

BS 6925:1988 Type R 988

Mastic Asphalt is ideal for use on flat roofs either traditional or inverted, elevated, walkways and access decks and terraces with suitable protection.



Tanking

BS 6925:1988 Type T 1097

Two methods of tanking are available to the designer. They are to apply the mastic asphalt waterproofing either to the outside of the structure or to the inside and are referred to as external or internal tanking respectively.

The decision on the method to be employed will depend upon site conditions and other design considerations. The use of external tanking is preferred if site and design conditions permit because the ground water pressure forces external mastic asphalt against the structure whereas in the case of internal tanking, the converse occurs.



Flooring

BS 6925:1988 Type F 1076 and Type F 1451

Mastic Asphalt flooring is available in a range of grades to suit applications from domestic through to heavy duty industrial. In addition to being a self finish floor it provides an ideal underlay to receive sheet flooring carpets etc.



Paving

BS 1447:1988

Mastic asphalt is used extensively as a long life wearing surface in urban situations where durability and surface consistency is paramount. Easy to clean and reinstate mastic asphalt provides the longest life expectancy of all seamless surfaces and is equally at home on elevated walkways, car parks and HGV decks.

The specification to be used is dependent on a number of factors such as the type and degree of traffic to which the paved area will be subjected, whether point loading is anticipated and whether the paving is over accommodation areas.



TECHNICAL SUPPORT AND SPECIFICATION SERVICE

Guaranteed Asphalt operate a comprehensive Technical and Specification Service for Architects, Specifiers and Contractors. Our team of Technical Advisors will consult and advise on specific requirements to your project design and provide detailed specification tailored to individual projects.

For further information please contact Guaranteed Technical Services on 020 7732 7781.



Guaranteed Asphalt Limited Manufacturing Division is registered with these organisations.



Certificate No's: 00/3691, 00/3701



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Guaranteed Asphalt Manufacturing Division
Earlstree Industrial Estate Princewood Road Corby Northants NN17 4AP
t: 01536 260995 f: 01536 262381 e: gacorby@talk21.com w: guaranteedasphalt.com