

AmascoPhalt car park systems

From its wide range of industrial and commercial roofing products, Briggs Amasco features here *AmascoPhalt*.

This advanced polymer modified mastic asphalt system has the benefits of a low installation temperature, low temperature flexibility, high temperature stability, long term durability and BBA certification.

Briggs Amasco offers a one-stop service of design, manufacture, supply, installation and guarantee.

Introduction Briggs Amasco is one of the largest national waterproofing companies in the UK. Established in 1865 by William Briggs, for almost 150 years it has offered a first class contracting service based upon its technical expertise, contracting skills and customer services. Briggs Amasco is part of the international IKO Group, which is one of the World's leaders in manufacturing waterproofing products.

Briggs Amasco has 13 strategically located branches across the country which enables a national service based on local knowledge and understanding.

Briggs Amasco has expertise in both refurbishment and new build projects, carrying out over 2000 projects annually ranging from small works to multi-million pound contracts. The professionalism and dedication to safety from its directly employed and company trained workforce backed by accreditation and quality assurance enables Briggs Amasco to complete the most complex waterproofing projects. It is at the forefront of developing products and innovative techniques and works closely in partnership with specifiers, developers and contractors.

Waterproofing products include polymer modified mastic asphalts, bituminous membranes, single ply roofing, hot-melt rubber and cold liquid roofing and ancillary thermal insulation products.

Applications include car park decks and ramps, service decks, insulated decks, footpaths, bridge decks and railway platforms in retail, commercial and industrial developments. Specifications are available for cars, light commercial vehicles and HGVs.

Authority AmascoPhalt Waterproofing and AmascoPhalt Paving are the subject of BBA Cert. No. 09/4695. These products comply with forthcoming European legislation REACH.

The company has accreditation to BS EN ISO 9001 for contracting and BS EN ISO 9002 for production; it is Achilles, CHAS and SAFE contractor accredited. It is working towards an integrated management system that will include BS EN ISO 9001/2 quality assurance, 14001 environmental and 18001 health and safety accreditation.

Green issues Materials are sourced locally where possible. Packaging for block materials is

minimised. Briggs Amasco complies with the Mastic Asphalt Council initiative to reduce carbon emissions from all asphalt contracts.

DESCRIPTION

AmascoPhalt Waterproofing is a polymer modified mastic consisting of polymer modified bitumen and graded limestone aggregates. It is supplied in blocks of nominal weight 20 kg or ready mixed direct to site.

AmascoPhalt Paving is a polymer modified mastic comprising polymer modified bitumen, graded limestone fine aggregate and either 6 mm or 10 mm igneous coarse aggregate, depending on laid thickness. It is supplied in blocks of nominal weight 20 kg or ready mixed direct to site.

AmascoPhalt Glass Fibre Tissue is a separating membrane for use beneath mastic asphalt roofing, paving and flooring. Nominal roll size is 100 m x 1 m and weight 7 kg.

AmascoPhalt High Bond Primer is a brush-applied, modified rubber latex emulsion priming solution for the preparation of concrete, GRP, brickwork and metal surfaces to receive the direct application of mastic asphalt waterproofing.

Coverage (m²/l): 4 - 6
Container capacity (l): 5, 25

All AmascoPhalt systems may be liable to surface marking from vehicle loadings during periods of high ambient temperatures. This will not affect the installation's wearing or waterproofing properties.

Solaflect is a solar reflective coating based on a synthetic resin solution with industrial ethanol which is pigmented with titanium dioxide and a lamina pigment. It is applied directly to mastic asphalt roofing for protection against infra-red and UV radiation.

Coverage (m²/kg/coat): 6
Container capacity (kg): 5, 25

Manufacture is in the UK to the highest quality standards using modern computer-controlled production.

PERFORMANCE

Weather

Weathertightness - system will resist the passage of moisture into a building.



Resistance to wind uplift - system will resist the effects of any likely wind suction acting on the roof.

Mechanics System can accept the traffic loads and effects of thermal or other minor movement likely to occur in service without damage.

Fire Use of the system can enable a roof to be unrestricted under the current Building Regulations.

Durability Under normal service conditions with proper maintenance and repair the system will provide a durable waterproofing surfacing with a service life in excess of 20 years.

DESIGN CONSIDERATIONS

It must be ensured that any retained components of the existing structure are sound and capable of accepting the imposed loading of the new system and associated installation procedures.

Concentrated point loads from motorcycle stands can lead to indentations. Designated motorcycle parking areas covered with additional surface protection in the form of paving slabs or suitable promenade tiles should be provided.

ECONOMICS

Guarantees 10 & 20 years no-split guarantees covering materials and workmanship are offered.

SUPPLY, SERVICES

Delivery is direct from the company's manufacturing plants to site in thermostatically controlled hot charge mixers weighing up to 21 t.

The company's services to specifiers are available throughout Britain from its 13 offices. Services comprise:

- Assistance with design and CAD drawings
- Dedicated contract teams deployed for major projects
- Directly employed and company trained workforce
- A comprehensive health and safety policy enforced by company advisors

REFERENCES

Information on other industrial and commercial roofing - single ply, liquid systems, metal standing seam, reinforced bituminous membranes, hot melt and green roofs - is available direct from the company at www.briggsamasco.co.uk

Briggs Amasco Ltd

Amasco House
101 Powke Lane
Cradley Heath
West Midlands
B64 5PX
Tel: +44 (0)121 502 9600
Fax: +44 (0)121 502 9601

Email: nkershaw@briggsamasco.co.uk
Website: www.briggsamasco.co.uk

Contact: Nick Kershaw
Commercial Director

rps no: 1099