

AGGREGATE INDUSTRIES

Asphalt

Drainasphalt™

Life®



Sustainable
Drainage Systems



A Permeable asphalt which allows water to pass through to the underlying structure. The product comes in various sizes to suit a range of applications and can be combined with our wide range of other sustainable drainage products to offer the perfect Sustainable Drainage System (SUDS) solution.

- Porous material allows surface water to drain
- Developed for use as an asphalt porous surface and binder course component in a SUDS pavement
- Inverted texture allows for high capacity acoustic absorption.

Applications

- Commercial schemes
- New housing developments
- Retail parks
- Car parks.

Layer

Base, binder and surface courses.

Key performance properties

Product name

Mechanical properties (typical values)

	Drainasphalt 10	Drainasphalt 14	Drainasphalt 20
% Air Voids	18 - 25	18 - 25	18 - 25
ITSM stiffness @20°C, 2.5 Hz (MPa)	660	850	920
Retained stiffness (%)	> 75	> 75	> 75
EN 12616, hydraulic conductivity (mm/hr)	15,044	17,390	18,473



Drainasphalt™

Sustainability and local sourcing

Energy use: Aggregate Industries is at the forefront of sustainability and has committed to reduce carbon emissions by 20% by 2016 based on a 2012 base line.

Recyclable: 100% of the product can be recycled thus reducing the amount of material that is sent to landfill.

Manufacturing location: Produced in the UK, under strict environmental and social legislation.

Responsible sourcing: Aggregate Industries is the first company in the world to achieve accreditation to the BES 6001 Framework Standard for the Responsible Sourcing of Construction Products. Aggregate Industries has achieved an 'Very Good' rating for major product groups. The BES 6001 standard assesses:

- quality management
- environmental management
- health and safety management
- a range of social and environmental issues.

Life

Life is our range of sustainable products and services. For more information please visit www.aggregate.com/life

Aggregate

Drainasphalt is available using a range of standard aggregates in 20mm, 14 binder course and 10mm surface course.

Binder

Aggregate Industries approved Elastomeric Polymer Modified Bitumen for enhanced adhesion.

Installation

Drainasphalt is normally paver laid but can be hand laid for small areas. Where the material is to be laid on top of freshly laid and clean asphalt layers then a tack coat is not required; care should be observed during construction to ensure that undue contamination from site derived silting and other contaminants is kept to an absolute minimum.

The product is suitable for use in a wide range of applications, however, by design the open nature of the surface will reduce the materials shear-strength capability and therefore is not recommended for heavy turning, traffic, such as found in airport taxiways, HGV Industrial Depots or slopes greater than 6%.

Contamination

Where the threat of spills and groundwater contamination is quite real then we have systems within our 'sustainable drainage' range to accommodate and treat for water quality before any infiltration occurs.

Manufacturing standard

All Aggregate Industries' products are manufactured in accordance with ISO 9001 and Highway Sector Scheme 14 with factory compliance to ISO 14001.

Policies

Aggregate Industries' policies on the environment and community, health and safety and sustainable solutions for different product applications can be viewed on our website www.aggregate.com

Health and safety: COSHH data

Full COSHH data on asphalt products is available on request. Please call the technical helpline on 0845 600 0860.

Technical support

Detailed guidance and assistance with the preparation of specification and use of asphalt products is available through the sales office. A free technical service is also available.

For further information, please refer to our asphalt technical services on 0845 600 0860.

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