

SUPERDRAINASPHALT™



Sustainable Drainage System



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. Designed to reduce the potential impact of surface water drainage in new and existing developments.

FEATURES & BENEFITS

- ▶ Porous material allows surface water to drain
- ▶ Developed for use as a porous asphalt surface and binder course component in a SuDS pavement
- ▶ Durability maximised by careful mix design and use of a carefully selected polymer modified binder

APPLICATIONS

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

LAYER

Base, binder and surface courses

KEY PERFORMANCE PROPERTIES (TYPICAL PROPERTIES)



Property	Units	32mm SuperDrainasphalt	20mm SuperDrainasphalt	14mm SuperDrainasphalt	10mm SuperDrainasphalt	6mm SuperDrainasphalt
Void Content	%	>18	>18	>18	NA	NA
Water Infiltration Rate (Tested in accordance with EN 12616:2013, Method A)	mm/hr	>15,000	>15,000	>12,000	>12,000	>5,000
	m/s	>4.1 x 10 ⁻³	>4.1 x 10 ⁻³	>3.3 x 10 ⁻³	>3.3 x 10 ⁻³	>1.4 x 10 ⁻³
Nominal Layer Thickness	mm	70-120	60-90	40-80	30-50	25-35

SUSTAINABILITY AND LOCAL SOURCING

ENERGY USE AND GREENHOUSE GAS EMISSIONS:

Aggregate Industries is at the forefront of sustainability and has committed to reducing both energy and greenhouse gas intensity 5% year-on-year (18.5% total improvement by 2020).

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 a BES 6001:2008 Responsible Sourcing Certificate from BRE Global. Products are assessed on:

- ▶ Quality management
- ▶ Environmental management
- ▶ Health and Safety management
- ▶ Greenhouse gas emissions
- ▶ Minimising raw material usage
- ▶ Labour practice
- ▶ Biodiversity
- ▶ Community engagement

AGGREGATE

SuperDrainasphalt is available using a range of standard aggregates in 32mm, 20mm & 14mm base or binder courses and 10mm & 6mm surface course mixes.

BINDER

Aggregate Industries approved Elastomeric Polymer Modified Bitumen for enhanced adhesion & durability.

INSTALLATION

SuperDrainasphalt is normally paver laid but can be hand laid in 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 or slopes greater than 6%.

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.

FOR FURTHER INFORMATION

Bardon Hill, Coalville, Leicestershire LE67 1TL

Web: www.aggregate.com