

AGGREGATE INDUSTRIES

Asphalt

Superthin™



A thin surface course asphalt material available in two sizes 10mm and 6mm. Designed to fulfil the requirements and deliver the performance of a modern thin surfacing used in high and low speed heavily trafficked roads.

- High levels of rut resistance
- Noise reduction properties
- Spray reduction
- Thin construction to maximise the conservation of natural resources.

Layers

10mm is laid at nominal thicknesses between 20mm and 50mm, (typically 30 - 35mm) covering the Classification Type B and C as defined in Table 1 of the Guidelines Document for the Assessment and Certification of Thin Surfacing Systems for Highways

6mm is laid at nominal thicknesses between 15mm and 25mm, covering the Classification Type A and B as defined in Table 1 of the Guidelines Document for the Assessment and Certification of Thin Surfacing Systems for Highways.

Applications

- 10mm major highways, high speed roads, high traffic roads roundabouts
- 6mm urban and rural low speed (40mph and below) roads.

Key performance properties

10mm

Test parameter	Performance level	Requirement
Texture depth Untrafficked (mm)	3	≥1.5
After 2 years of trafficking (mm)		≥1.0
Wheel tracking Rate (mean/max individual) (mm/hr)	3	≤5.0/≤7.5
Rut depth (mean/max individual) (mm)		≤7.0/≤10.5

6mm

Text parameter	Performance level ⁽¹⁾	Requirement
Texture depth Untrafficked (mm)	3	≥1.0
After 2 years of trafficking (mm)		≥0.7
Wheel tracking Rate (mean/max individual) (mm/hr)	3	≤5.0/≤7.5
Rut depth (mean/max individual) (mm)		≤7.0/≤10.5



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, where possible 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

Superthin is a 10mm and 6mm surface course that is available using a wide range of aggregate sources to match the needs of any contract.

Binder

Aggregate Industries approved polymer modified bitumen only.

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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