

## Asphalt

# Superhitex™



A high performance 14mm polymer modified asphalt thin surface course designed for high speed, high traffic volume roads. It is a product designed to give long term performance in a durable mixture.

- Noise reduction compared to HRA surface course exceeds 3 dB(A).
- Spray reduction
- Excellent resistance to permanent deformation
- Whole life performance
- The selection of a polymer modified binder provides minimised low temperature susceptibility, particularly effective low temperature fatigue resistance and satisfactory bitumen/aggregate adhesive qualities in the presence of water.

### Performance levels achieved on trial installation

Test parameter	Performance level achieved	Requirement
Texture depth Untrafficked (mm)	3	≥1.5
Texture depth after two year 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

### Layer

Typically laid 35mm nominal thickness.

### Applications

- Motorways
- Trunk roads.



## 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 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

Superhitex is a 14mm surface course.

### Binder

Aggregate Industries approved polymer modified bitumen only.

### Skid resistance

Good levels of skid resistance can be expected due to the rapid exposure aggregate micro texture and when combined with high quality, high psv aggregates excellent levels of SCRIM can be maintained.

### 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](http://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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