

SuperSafedress™



A thin surfacing asphalt material that can be laid 12mm thick incorporating polymer modified technology. The material is installed by pavers that incorporate an integral spray bar for applying a polymer modified bond-coat immediately before the asphalt layer.

The benefits of this system are:

- Polymer-modified bond-coat forms a waterproof seal to the existing surface and creates a strong interlocking bond as bond coat migrates into the matrix of the material holding it in place
- Impermeable, untrafficked Bond Coat
- Reduced traffic noise
- Can remove ruts from pavement in one pass
- Can be trafficked within 15 minutes
- Speed of application about three times quicker than for other thin surfacings
- Can be used as an overlay option.

Key performance properties

Text parameter	Performance level	Requirement
Texture depth	3	
Untrafficked (mm)		≥1.5
After 2 years of trafficking (mm)		≥1.0

Layer

The system is for use as a thin road surfacing laid at nominal thicknesses between 12mm and 18mm, covering the Classification Type A as defined in Table 1 of the Guidelines Document for the Assessment and Certification of Thin Surfacing Systems for Highways.

Applications

Urban and rural highways.



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

SuperSafedress is available using a range of standard aggregates. Any special requirements for aggregate properties can be accommodated through consultation.

Binder

SuperSafedress uses a polymer-modified binder or a Straight run 100pen binder depending on the application requirements.

Installation

Production and installation of SuperSafedress, by Aggregate Industries only. The special process requires the use of our dedicated paving machines with integrated spray bars for bond coat application.

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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