

Bardon Supercolour Ultra™ product information



A range of distinctly coloured asphalts that use a translucent penetration grade, resinous hydrocarbon binder. The special binder is readily pigmented and provides a wide range of asphalt colours.

Bardon Supercolour Ultra can be provided in a range of colours, red, green, yellow, white, blue etc. The intensity of colour can be varied by altering the amount of pigmentation; subtle colours to harmonise with site surroundings can be achieved. It should be noted that similar to most decorative architectural products, the colours and finish of Bardon Supercolour Ultra will alter over time due to weathering and wear.

Bardon Supercolour Ultra is available in a range of sizes 6, 10 and 14mm to suit a range of thicknesses dependent on scheme requirements. An alternative plant derived binder is available for high levels of carbon reduction and is suitable for less heavily trafficked areas - this product is known as Bardon Supercolour Bio.

- Allows option of visual variety for road surfaces and public areas
- Allows clients to enhance safety through colour-coded demarcation areas
- With very light colours it can lead to a significant reduction in the energy required for lighting and improve visibility and safety

- Bardon Supercolour Bio is available which utilises binder technology manufactured using plant based renewable ingredients.

Layer

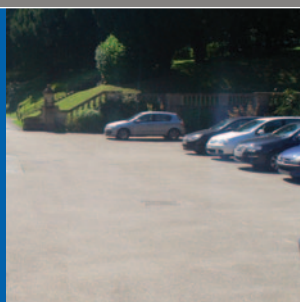
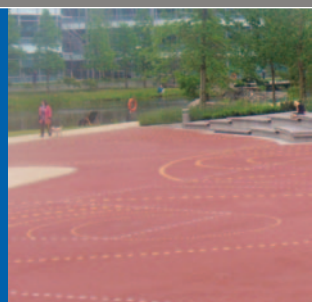
Surface course.

Key performance properties

Mechanical properties (typical)	Bardon Supercolour Ultra 6	Bardon Supercolour Ultra 10	Bardon Supercolour Ultra 14
UK wheel tracking @ 45°C mean rut rate (mm/hr)	0.5	0.3	0.2
Max rut depth @ 45°C (mm)	1.4	0.9	0.8
Wheel tracking @ 60°C rut rate (mm/hr)	0.7	0.7	0.6
Max rut depth @ 60°C (mm)	1.9	1.8	1.4
UK stiffness @ 20°C 2.5 Hz (MPa)	1551	1942	2420
Typical texture depth (mm)	0.8	1.0	1.3
Nominal thickness (mm)	20 - 30	30 - 40	40 - 50

Applications

- Commercial schemes
- Bus lanes
- Domestic (driveways and garden)
- Prestige schemes
- Urban and rural roads.



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Sustainability and local sourcing

Energy use: Aggregate Industries is at the forefront of sustainability and has committed to reduce carbon emissions by 20% by 2012 based on a 2008 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. A short notice period is required for manufacture.

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

Bardon Supercolour Ultra is certified as EXCELLENT under the BES 6001 standard.

Aggregate

Can be selected to co-ordinate with the aesthetic requirements of the mix chosen by the client, e.g. red or pink aggregate for a brown or red mix, although in some cases a contrasting aggregate colour gives a pleasing effect. However where engineering properties such as aggregate psv requirements override the importance of aesthetic requirements this will result in a more limited choice of colour compatible aggregates.

Binder

Bardon Supercolour Ultra uses a synthetic translucent binder designed to be tinted with a variety of pigments or used without pigments.

Bardon Supercolour Bio uses a plant based resin.

Installation

Bardon Supercolour Ultra can be laid using clean standard "Asphalt" tools and equipment by reputable contractors approved by Aggregate Industries (AIQA installation procedures must be adhered to).

It should not be laid at air temperatures below 5°C nor in wet conditions.

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 Bardon 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 Bardon Asphalt products is available through the sales office. A free technical service is also available.

For further information, please refer to Bardon Asphalt technical services on 0845 600 0860 or email: techhelp@aggregate.com

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A member of the Holcim Group