



High Friction &
Coloured Surfacing



HITEX
International Group
Road Surface Innovation

CycleWay

Coloured Thermoplastic Surfacing for Cycle Routes

Specifically designed with cost effective spread rates, the coloured skid-resistant surface will enhance the safety of the cyclist while using dedicated routes by enhancing road friction and reducing vehicle contraventions.

Product specification and technical data



CycleWay

Cycleway is a cycle lane demarcation system containing pigmented modified rosin ester and granite or basalt aggregate.

CycleWay is the perfect solution for cycle schemes on both urban and rural networks, and provides a durable, maintenance-free, colourfast surface that can be trafficked 15-20 minutes after application.

The composition of the surfacing provides the cyclist with improved braking efficiency and grip; the pigmented coloured surfacing has also been proven to reduce dangerous vehicle contraventions into cycle paths. CycleWay material has been modified to give economical spread rates to keep costs to a minimum on larger cycle schemes.

Why CycleWay

- Cost effective spread rates
- Suitable for old and brand new asphaltic surfaces
- Durable and hard-wearing
- Able to be laid all year round
- Rapid curing times typically 15 to 30 minutes
- Manufactured using heavy metal-free pigments

Typical uses

CycleWay material is suitable for all classes of road where high friction, coloured surfacing is specified. It is used on asphaltic surfaces with texture depths of between 0.5mm and 2.0mm, and is ideal for areas where visual demarcation is required for safety/traffic calming purposes.

Compliances/Approvals

The management system of Hitex Traffic Safety Ltd has been assessed and registered as meeting the requirements of BS EN ISO 9001 and BS EN ISO 14001.

Colour

CycleWay is available in 3 standard colours; red, green and blue. Other colours available on request. Hitex pigments are all heavy metal-free.

Application method

Please refer to the relevant Installation Method Statement.

Technical data

Table 1 Physical properties

Relative density	2.00 ± 0.1 g/cm ²
Installation temperature range	0-40 °C
Application temperature	180-210 °C
Maximum safe heating temperature	230 °C
Cooling time (open to traffic) @20°C	15-20 mins

Table 2 Binder

Property	Test method	Specification
Softening point °C	BS 2000 Part 58:1988	100 ± 5 °C
Flow resistance	BS 2499 Part 3: 1993 (Mod.)	No flow
Flexibility	ASTM D3583 (Mod.)	No surface cracking or crazing

Table 3 Aggregate

CycleWay uses 100% granite or basalt aggregate.

Product	Green/blue	Red
Polished Stone Value (PSV)	63	55 minimum
Aggregate Abrasion Value (AAV)	1.4	1.4

Table 4 Material performance

The properties of the installed product are designed to conform to the requirements below:

Property	Typical Value
Skid Resistance Value (SRV)	60 +
Initial texture depth	1.5 mm
Spread rates	125 m ² - 140 m ² per tonne

Packaging & storage

CycleWay is supplied in meltable polyethylene bags of approximately 25kg each. They are packed onto pallets of 50 bags, and supplied in lots of approximately 1.25 tonne per pallet. Finished pallets are shrouded and stretch-wrapped for protection.

It is recommended that CycleWay product should be kept totally dry and stored away from direct sunlight and areas of potential contamination.

Health & safety

For further information consult the relevant Safety Data Sheet (SDS).

Disclaimer

The information contained herein is accurate to the best of our knowledge and belief as at the date issued. The information and recommendations are offered for the user's consideration and examination for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. It is the user's responsibility to satisfy itself as to the suitability of such information for its particular use and to carry out their own COSHH assessment.

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