



High Friction &
Coloured Surfacing



HITEX
International Group
Road Surface Innovation

ColourTex

Coloured Thermoplastic Surfacing Material

ColourTex provides increased safety through enhanced surface friction and by providing a coloured visual aid, making it ideal for use in projects such as bus and cycle lane surfacing, giveways and traffic calming schemes.

Product specification and technical data



ColourTex

ColourTex is a coloured thermoplastic safety surfacing containing pigmented modified rosin ester and granite or basalt aggregate.

The skid-resistant surface enhances road safety by improving braking times through increased surface friction. The brightly coloured material can also act as a visual aid to reinforce the message of conventional road markings and signs.

ColourTex is the perfect solution for use on urban and rural networks, providing a durable, maintenance-free and colourfast surface that can be laid quickly and easily over the existing road surface.

Why ColourTex

- Suitable for old and brand new asphaltic surfaces
- Can repair and regulate existing minor surface defects
- Rapid curing times, typically 20 minutes
- Tough and durable material, with heavy metal-free pigments
- Can be laid all year round

Typical uses

ColourTex 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

ColourTex 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

ColourTex uses 100% granite or basalt aggregate.

Product	Green/Blue	Red
Polished Stone value (PSV)	63 +	55 +
Aggregate Abrasion Value (AAV)	1.4	1.4

Table 4 Material performance

Property	Typical value
Skid Resistance Value (SRV)	60 +
Initial texture depth	1.5 mm
Spread rates	90 m ² - 100 m ² per tonne (10-11.1 kg/m)

Packaging & storage

ColourTex 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 ColourTex 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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