



High Friction &
Coloured Surfacing



HITEX
International Group
Road Surface Innovation



ColourCote

Resin Bonded Coloured Surfacing

The vibrant coloured surface and anti-skid properties of ColourCote surface dressing make it an attractive and effective way of providing enhanced safety and guidance to all road users.

Product specification and technical data



ColourCote

ColourCote is a durable, brightly coloured resin-bonded surfacing. It consists of Hitex BBA/HAPAS Approved EcoGrip two-component thermosetting modified epoxy binder dressed with a colour-coated aggregate.

The durability of the surfacing material makes it particularly suitable for highway work, bus/cycle lane demarcation and for use in traffic calming schemes.

Why ColourCote?

- Low energy cold-applied installation
- Range of base aggregates available depending on levels of skid resistance required
- Fast installation- can be laid directly onto suitable existing surface
- Neat and uniform finish
- Tough and durable surface

Typical uses

ColourCote is suitable for highway work, such as bus and cycle lanes. The attractive finish also makes it ideal for decorative work such as demarcation of pedestrian walkways, wheelchair ramps and coloured parking bays.

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. ColourCote utilises EcoGrip BBA/HAPAS Approved binder system.

Colour

The standard colours of ColourCote are red, blue, yellow and green. The 2-part binder system is naturally a pale straw colour, but can be pigmented to match the aggregate to intensify the finished application.

Application method

Please refer to the relevant Installation Method Statement.

Technical data

Table 1 Physical properties

Specific gravity - Part A	1.15 ± 0.05
Specific gravity - Part B	1.00 ± 0.05
Pot life @ 23°C	30 mins
Curing time @ 20°C	2-3 hours
Road surface temperature range	5-40 °C



Table 2 Aggregate

The physical properties of ColourCote vary according to the base aggregate. Figures given below are typical values only.

Aggregate	Basalt (for green /blue)	Granite (for red)	Flint (for yellow/ light colours)	Calcined bauxite (for high friction surfacing)
Polished Stone Value (PSV)	63	55	68	70
Aggregate Abrasion Value (AAV)	4.6	1.3	0.4	4
Gradation passing 3.35mm	98.2%	95%	98%	95%
Gradation passing 1.18mm	16%	15%	5%	5%

Table 3 Material performance

The properties of the installed product are designed to conform to the requirements below. Figures will vary according to aggregate used.

Property	Value
Skid Resistance Value (SRV)	Basalt/Granite 65 minimum Bauxite 70 minimum Flint 60 minimum
Texture depth	1.8 mm (Typical value)
Tensile adhesion @ 20°C	1.6 N/mm ² (Typical value)

Table 4 Spread rates

Binder	2kg/m ² on smooth substrates (increases on rough/open textures)
Aggregate	Approx. 8-10kg/ m ² using a 1-3mm stone

Packaging & storage

EcoGrip binder is supplied in pre-weighed 20kg pails, 180kg drums or 1000kg IBCs. Aggregate and ColourCote aggregate is supplied in 25kg sacks or 1250kg bulk bags.

It is recommended that Hitex products 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.

Hitex International

Cloister Way, Ellesmere Port, Cheshire, CH65 4EL

TELEPHONE +44 (0)151 355 4100 EMAIL info@hitexinternational.com

WEBSITE www.hitexinternational.com