

Vegecol is a product of the International Colas Groups' Campus of Science and Techniques



Vegecol

Colas' Vegecol is a pioneering, revolutionary surfacing material. It is an environmentally friendly plant based material made from renewable resources and an alternative to non renewable bitumen and petroleum resin based binders. An award winning product, Colas' Vegecol breaks the link between pavement construction and the rising cost of bitumen and non renewable resources.

Contract: Basingstoke Canal, Woking, Surrey
Main Contractor: Earthbound Surfacing

Client: Surrey County Council
Date: July 2008

Consultant/Sponsor: Sustrans

Specification:
 Double 10mm & 6mm Golden Granite, using both traditional binder & Vegecol



Application Details

The Basingstoke Canal stretches many miles east to west from Surrey to Hampshire and beyond. It was identified by Sustrans as a primary route for upgrading as part of their extension of the National Cycleway Route. Due to their past experiences of using Colas' Fibredec in other similar situations the process was specified as the surfacing material for the scheme. Part of the project was undertaken using Vegecol, Colas' new vegetable based binder. This innovative material was developed to meet the

environmental and sustainability challenges of a changing world and it's choice on this project was ideal, given the surfacing's proximity to the water course that ran along its whole length. In its emulsified state the binder is white, but when "broken" it becomes clear, further enhancing the natural colour of the aggregate.

“We are always keen to look at alternatives to bitumen for cycleway and footpath surfacing, so we are pleased to have been involved in piloting this product.”

Huw Davies

Sustrans technical director



Benefits of the process

- An environmentally friendly plant based binder
- Reduced emissions and energy through production
- No leaching of contaminants
- Does not contain a single hydrocarbon from refined crude oil
- Aesthetic and decorative finishes are available
- CE Marking in accordance with European standards
- Award winning product
- Achieved international recognition

“Operatives have longer to make sure the finish is perfect, as they are not having to worry about completing a surfacing before the binder cools”

Jim Doyle

Contracts Manager



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