

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.



Application Details

The footway is used by visitors alighting at the city's bus and coach stations. It was in need of repair and as the footpath passes close to the city's World Heritage Site, an attractive finish was required and a buff coloured crushed gravel was chosen to complement the surroundings. The site was an existing asphalt footpath with several utility trenches visible and had a steep gradient. The chosen specification was a single dressing and the emulsion was applied by both machine and hand lance.

The emulsion application was followed by a 3-6mm golden gravel, rolled using a dual Steel / PTR roller. Aggregates were tested at the International Colas Group's Campus Sciences and Techniques in France, for their affinity to the Vegecol emulsion. Vegecol emulsion was manufactured by Ecoliant at Trappes near Paris and supplied to the UK in 1 tonne IBC containers.

Footway Refurbishment using Vegecol Emulsion

Client: Durham County Council
Date: September 2008

Type of Work: Fibredec using a Vegecol Emulsion

Specification:
3mm – 6mm golden gravel

“Use of crushed gravel gives the footpath a nice texture and I am encouraged by the environmental benefits of not specifying any bitumen for resurfacing”

Roger Elphick, acting Corporate Director for environment
Durham County Council



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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