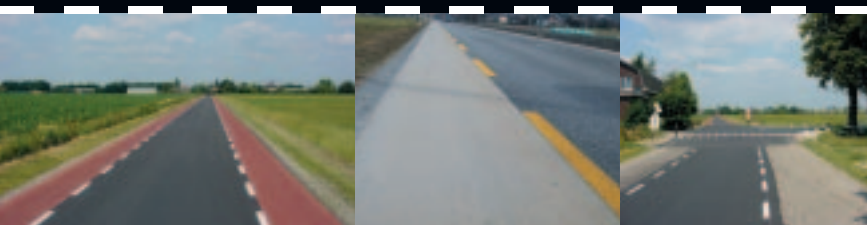


Spectrasfalt®

Microdeck Color products



L A T E X F A L T





The systems

Spectrasfalt Microdeck Color systems are colourable micro surfacing slurry systems for roads. There are three unique systems for the application of a coloured slurry surfacing system on asphalt or concrete. Spectrasfalt Microdeck Color Emulsion, Spectrasfalt Microdeck Color Premix and Spectrasfalt Microdeck Color Mortar.

Usage

Spectrasfalt Microdeck systems are highly resistant to wear. The high bonding strength of the polymer modified binder ensures durable bonding of the micro surfacing to the subbase and increases the life of asphalt or concrete.



Applications

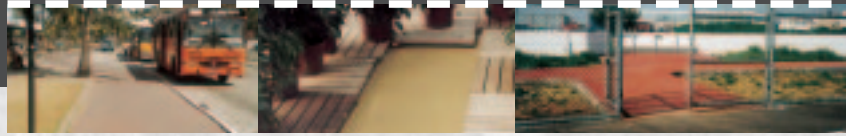
The coloured systems can be used on asphalt and concrete in building and road construction for enhancing appearance, for maintenance and/or for coloured markings in road areas, carparks, pedestrian areas, boulevards, shopping centres, bicycle paths etc. Clear colour markings increase traffic safety.

The products

Spectrasfalt Microdeck Color Emulsion is a cationic emulsion based on a polymer modified synthetic bitumen. After mixing the binder with fillers, aggregates and pigment, the slurry surfacing can be laid.

Spectrasfalt Microdeck Color Premix is a mortar comprising two components. After mixing these components a coloured slurry mortar is formed which can be easily applied in a coat of at least 3 mm thickness.

Spectrasfalt Microdeck Color Mortar is a ready-to-use mortar consisting of a high polymer modified anionic emulsion, selected fillers and a pigment.



Product characteristics

Spectrasfalt Microdeck systems are resistant to moisture and high and low temperatures. The systems are particularly durable and can be applied using a continuous flow machine, but are also suitable for manual application.

Available colours

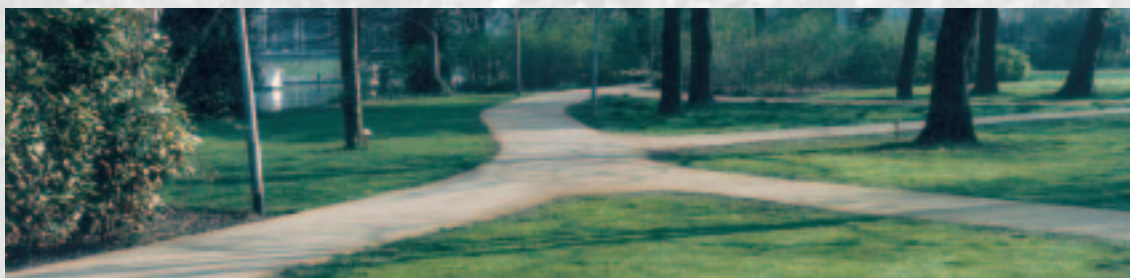
As the binder is colourable it is possible to produce other colours beside the natural colour [i.e. the colour of the mineral aggregate] by adding pigments such as red iron oxide, yellow iron oxide, white titanium oxide or green chromium oxide.

Easy to apply

Spectrasfalt Microdeck Color Emulsion is applied mechanically using continuous mixing-spreading machines on either concrete or asphalt road surfaces in a thickness from 3 to 6 mm. The application time can be accurately determined, depending on the weather conditions. The treated surface can normally be used after 30 minutes.

Spectrasfalt Microdeck Color Premix is a two component system for manual application. Component A [the powder material] is added to a concrete mixer and a measured quantity of water, followed by the emulsion [component B] is added to the mixer to form a slurry mortar. If necessary, workability can be adjusted to suit ambient conditions by the addition of more water and/or retarder. The mortar is poured out, and applied evenly with a rubber squeegee to form a thin layer of approximately 3-5 mm.





Spectrasfalt Microdeck Color Mortar is supplied in 20 kg buckets. The mortar should be stirred with a mixer prior to the application, adding a little water if necessary. After pre moistening the subbase with water or emulsion, the mortar is spread in a thin, even layer of approximately 1.5 mm using a squeegee. A second layer is applied after the first layer has dried.

Consumption

Spectrasfalt Microdeck Color Emulsion

The emulsion, used in the Spectrasfalt Microdeck surfacing, accounts for between 14% - 18% and the pigment paste accounts for between 4% - 6% in weight of the total mineral mixture. The mixture is applied in a layer thickness of between 3 and 6 mm which uses 6 - 12 kg/m² of mortar, depending on layer thickness.

Spectrasfalt Microdeck Color Premix

The mixture is applied in a layer thickness between 3 and 5 mm which uses 4 - 10 kg/m² of mortar, depending on layer thickness.

Spectrasfalt Microdeck Color Mortar

The mixture is applied in two layers to give a total thickness of around 3 mm, which uses 2.5 - 3 kg mortar/m² per layer. In order to obtain sufficient wear-resistance at least two layers should generally be applied.

Health and safety

Spectrasfalt emulsions contain no tar or creosotes and are non-flammable. The synthetic binder shares all the characteristics of bitumen modified with a polymer. Please refer to the Material Safety Data Sheet of the product for full information.

Road Products

Slurry Seal Products [Cationic]

Spectrasfalt® Microdeck Premix
Two component Slurry system.
Fast setting.

Spectrasfalt® Microdeck Emulsion
Modified fast setting cationic Slurry Seal emulsion. Application with professional equipment [trucks].

Road markings, parking areas, industrial surfaces, traffic guidance [bus-lanes], bicycle paths, pedestrian areas, shopping centres and signalling.

Slurry Seal Products [Anionic]

Spectrasfalt® Microdeck Mortar
One component Slurry Seal Mortar in different colours.

Spectrasfalt® Color SA [Anionic]
Modified slow setting Slurry Seal emulsion. For production of coloured fine mortars.

Small projects, parkings, pedestrian areas, low traffic.

Road emulsions and binders [bulk]

[Modified] surface dressing, tackcoat emulsions and mixing emulsions.

Latexfalt® / Spectrasfalt® Safegrip Products

Extra modified surface dressing emulsion, black and colourable.

Can be pigmented in different colours. For heavy trafficked areas. Two-layer system. [Type T, medium viscosity. Type SK, high viscosity, Type HD, higher polymer content].

Parking-houses and areas, bridge decks wood/concrete, crossings, roundabouts, balconies, bicycle paths, pedestrian areas, road markings for low-trafficked areas.

Spectrasfalt® pigment paste

Liquid paste pigments for Spectrasfalt Safegrip and Microdeck emulsions [red, yellow, green].

Polymer modified binders

For Surface dressing and asphalt application [Surmac]

Jointfillers

Highly elastic jointfillers
Latexfalt® JE/Latexfalt® RJ