

Description

GeoPave is a two-component polyurethane resin binder, specifically developed for use in resin bound aggregate surfacing systems.

Geveko Markings's resin bound surfacing combines durability and performance with visual appeal. The wide range of colours and textures available, give an extensive variety of options in designing for the built environment. GeoPave has been developed as a SuDS (Sustainable Drainage Systems) compliant, permeable system which allows water to soak through the surface.

Benefits

- Produces a highly attractive surface
- Suitable for use with a wide range of specially selected aggregate blends
- Permeable – SuDS compliant
- Easy to maintain
- Inhibits weed growth
- Suitable for external or internal use
- Quick hardening
- Tree pit packs available
- Can incorporate design elements
- Extremely tolerant to fuel and solvent spillages

Appearance

The colours and shades of the resin paving system are achieved by the combination of natural aggregate and the resin used.

GeoPave resin is a neutral amber colour and is suitable for buff, yellow and brown aggregates. Some warming of the binder colour may occur through the effects of sunlight in the early life of the system.

Geveko Markings aggregate blends that are suitable for Geopave are: Amber, Angular Buff, Sunset Rose and Autumn Dawn. Our aggregate range is periodically updated so please contact us for details of the blends currently available.

Technical

Initial Set Time @ 20°C	40 minutes
Cure of system @ 20°C	24 hours
Application Temp	5°C - 30°C

Tree Pits

GeoPave is a fully permeable product which allows water to pass through to the roots of the tree without the need for watering tubes, whilst at the same time providing an attractive surface which is flush with its surroundings, thereby preventing the harbouring of litter and other detritus. It creates a hard wearing, natural finish that compliments any environmental improvement scheme.

Preparation and Application

The procedures set out in our separate GeoPave Method Statement sheet must be followed carefully to ensure the correct application. Geveko Markings recommend that resin bound paving systems are best installed by experienced contractors.

Geveko Markings hold resin surfacing training days for contractors and specifiers on a regular basis, contact us for more information.

Coverage

Location	Suggested Min. Depth	Approx Coverage*
Pedestrian Only Areas	12mm	5m ²
Light Use Driveways	18mm	3.3m ²
Light Commercial Vehicle Areas	25mm	2.4m ²

*Approx per 1 pack of resin and 100kg specified aggregate. Based on a normal stress mix.

A greater thickness will enable better compaction, resulting in improved durability.

Aftercare

Occasional sweeping using a stiff brush. Any spilt contaminants should be cleaned as soon as possible. Cold pressure washing may be used to remove ingrained dirt etc, avoid close contact high pressure water jetting.

Packaging and Storage

GeoPave is supplied in a 6.5 kg pack size. Store all unopened materials under cover in dry conditions. Shelf life is 6 months.

Health and Safety

See separate Safety Data Sheet.

Associated Products

Please refer to the individual technical data sheet for more details.

GeoGlaze - Protects and enhances the look of natural stone

Base Build-Up

Pedestrian Pathway - Asphalt		
12mm GeoPave	40mm - suitable, well- compacted asphalt binder course (base course)	
50-100mm Type 1 (DoT Clause 803)		
Pedestrian Pathway - Concrete		
12mm GeoPave	75-100mm C25/30 (BS 8500) min	
Domestic Driveway - Asphalt		
18mm GeoPave	50mm - suitable, well- compacted asphalt binder course (base course)	
100-200mm Type 1 (DoT Clause 803)		
Domestic Driveway - Concrete		
18mm GeoPave	100-150mm C25/30 (BS 8500) min	
Light Commercial Vehicle Areas - Asphalt		
25mm GeoPave	35mm - suitable, well-compacted asphalt binder course (base course)	
65mm - 28mm asphalt base course (BS 4987 Part 2:2001 Clause 7.3)		
100-200mm Type 1 (DoT Clause 803)		
Light Commercial Vehicle Areas - Concrete		
25mm GeoPave	150-200mm C25/30 (BS 8500) min	

All base build-up details are intended as a guide only and the information stated does not constitute a specification.