



Description

GeoBondX is an innovative resin paving system that combines durability and performance with visual appeal. Combining a resin binder and selected natural aggregates produces a decorative and permeable surface that is hard wearing and requires very little maintenance.

Select from a wide range of colors and textures, of specially selected aggregate of varying sizes and colors. Couple this with the potential to use other design elements, gives GeoBondX an extensive variety of options for designing within the built environment.

Benefits

- Produces a highly attractive surface
- Permeable – for stormwater management
- Easy to maintain
- Restricts weed growth
- Sustainable for external or internal use
- Tree pit packs available
- Can incorporate design elements
- Produces a highly attractive surface
- Cost effective
- Quick hardening
- Durable and strong

Appearance

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

GeoBondX 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.

Technical

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



Tree Pits

GeoBondX 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 GeoBondX Method Statement sheet must be followed carefully to ensure the correct application. We recommend that resin bound paving systems are best installed by experienced contractors.

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

GeoBondX is supplied in a 7.5 kg pack size. Store all unopened materials under cover in dry conditions. Shelf life is 12 months.

Health and Safety

See separate Safety Data Sheet.



Base Build-Up

Pedestrian Pathway - Asphalt		
12mm GeoBondX		
40mm - suitable, well- compacted asphalt binder course (base course)		
50-100mm Type 1 (DoT Clause 803)		
Pedestrian Pathway - Concrete		
12mm GeoBondX		
75-100mm C25/30 (BS 8500) min		
Domestic Driveway - Asphalt		
18mm GeoBondX		
50mm - suitable, well- compacted asphalt binder course (base course)		
100-200mm Type 1 (DoT Clause 803)		
Domestic Driveway - Concrete		
18mm GeoBondX		
100-150mm C25/30 (BS 8500) min		
Light Commercial Vehicle Areas - Asphalt		
25mm GeoBondX		
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 GeoBondX		
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.