

Flexflooring Ltd

Stonex Resin Bound

O & M Manual



Immediate After-care For Your Resin Drive

The polyurethanes used in our resin for driveways are one of the most chemically resistant materials. Care should be taken in the early days of the install to not expose the surface to any chemicals.

It is also very important that, before the resin has cured, nothing touches the resin that can cause imprints, such as animal paws.

How Stonex Driveways Should Be Used

Resin bound surfaces installed with materials from Flexflooring are designed for pedestrian use and for light vehicle traffic. Surfacing installed with materials from Flexflooring should not be misused and care should be taken wherever possible to ensure normal use of the surface.

Heavy goods vehicles should not park or manoeuvre on resin bound paving unless it has been allowed for in the thickness of the resin bound installation.

Misuse

Careful consideration should be taken when handling any hard objects near or on Stonex resin bound surfacing. These include gardening machinery, motorbike stands, car jacks, car parts and hard plant pots which could potentially cause damage if they are dropped on the Stonex Resin Bound or dragged across the surface.

Stonex Resin Bound surfaces can sometimes be marked by the crushing of individual pieces of gravel by exceptional point loading. This can include, but is not limited to, gravel trapped in tyre treads, especially in areas of high use.

Care should also be taken if vehicle maintenance is being carried out on the Stonex Resin Bound. Wooden planks should always be used under car jacks in order to spread the load. The Stonex surface should always be protected from any grease, oil or spillages of petrol or solvents. The chemicals in the latter would soften a tarmac base. If there is a spillage, the surface should be washed down straight away with lots of water to try to dilute and wash away the chemicals. If the surface is still firm, it can be used.

General Cleaning

In order to remove leaves, sand soil and such like materials from Stonex Resin Bound paving, it can be swept clean with a stiff brush. Hosing the resin surface down with clean water will also clean the paving. It is common that regular brushing and washing is the only maintenance required for resin-bound surfacing.

Staining can occur from tannings from debris if they are not cleaned away and lay on the resin surface for prolonged periods of time. Most stubborn stains and grime elements can be removed with a pressure washer (maximum 150 bar rating). A fan-type lance should be used, and it should be sprayed at a minimum of 200mm above the Stonex Resin Bound surface. Only cold water should be used on resin surfacing.

For a more thorough clean, use a rotary cleaner, see image below, which is available from numerous suppliers.



The unique brush used has a patented structure that is ideal for cleaning your Stonex Resin Bound surface, the versatility of the cleaner means you can clean not only your Stonex Resin Bound surface but also pavers, natural stones, concrete, and even wooden decking.

You can clean by just using water however the rotary cleaner is the environmentally friendly way to clean your surfacing.

If any chewing gum were to stick to your resin surface, it can be easily removed with freeze spray. Each piece of chewing gum should be hardened with the freeze spray and then gently scraped off with a suitable scraper. Alternatively, a biodegradable remover such as pro 88 gum remover can be used.

Weed Removal

Stonex Resin surfacing is weed resistant and is treated with weed killer prior to the installation of the resin bound surface. However, it is not fully guaranteed to be seedling free. This is because of seed dispersal from animals and the weather. In the event that seedlings do start to grow, they can be simply pulled out by hand, ensuring the root is pulled out with the weed. In the event the seedlings take root, they can be killed off with mild weed killer. If you are using a strong weed killer, make sure to water it down significantly. Strong weed killers that are not watered down could cause discolouration to the resin surface.

Brake Fluid

Brake fluid is extremely corrosive to Stonex Resin Bound. In the event that brake fluid lands on the paving, it should be removed straight away with warm water.

Engine Fluid/Oil/Fuel

Oil stains should be treated and removed as soon as possible using a biodegradable oil stain remover such as pro 83 Biological heavy duty floor degreaser and cleaner.

Dry Steering & Tyre Marks on The Surface

In order to limit the chance of any tyre marks, do not turn the steering wheel of the vehicle whilst stationary. For whatever reason, if there are tyre marks on the surface, simply wipe down with white spirit and wash with emulsifier and a fan assisted pressure washer.

Rainwater drainage.

Rainwater drainage can be maintained provided that a maintenance schedule, including regular suction cleaning and sweeping, is implemented using a suitable wet and dry vacuum. The 'Big Brute' wet and dry vacuum available from Michael Williams Engineering Ltd is ideal for this operation (www.bigbrute.co.uk).

Ice

Although our Stonex Resin Bound surface reduces the chance of ice and slippages, it is wise to still take precaution. White rock salt can be used on the surface of the resin to remove ice and frost. Salt traces should be removed once the adverse weather has subsided.

Uses and Heavy Objects

Resin bound paving is designed for pedestrian use and light vehicle traffic. Driveways, car parks, and forecourts are all suitable uses for resin surfaces. Resin bound aggregates should be laid at a minimum 20mm depth for vehicles over 7.5 tonnes. Heavy goods vehicles should not park or manoeuvre on resin bound paving unless it has been allowed for in the thickness of the resin bound installation.

Skips and other heavy objects should not be dragged across the surface. For protection of the resin surface from such objects, wooden planks can be used to spread the load.

Care should be taken with all metal objects on the surface of the resin bound. This includes objects such as car jacks, motorbikes and machinery.