

Permeable Resin Bound Paving Solutions





Testimonials

The Grange, Wimbledon

All the team at SureSet were very professional and helpful, we would definitely use SureSet again.

Mid Kent College

We would definitely use SureSet again, you are a "spot on" sub contractor. Keep up the good work.

Elmfield Road, Gosforth

The quality and appearance of the SureSet surface was excellent and we would definitely recommend SureSet to others. SureSet were professional and performed superbly, I could not have expected a better service.

Renault F1, Enstone

A pleasure to work with, any request that was made was dealt with efficiently and politely. The Sales team were very professional and friendly and the installation team were excellent.

Gateshead Heritage Centre

SureSet have a very professional attitude and are always positive and friendly. The quality and appearance of the SureSet surface is excellent and blends in with the surrounding building. We were kept well advised at all times and we would without doubt recommend SureSet to others.

Jubilee Gardens, Clevellys

A quality product from a specialist professional company.

Ash Path Hopscotch, Cwmcarn

Every member of staff that I dealt with was friendly, helpful and professional and showed a real interest in the works. The appearance of SureSet is exceptional. The artwork element is beyond my expectations and the finish of the surface is superb.

Halley Primary School, Stepney

Your men are a credit to you, the work was finished to the highest of standards and the quality of the surface is first class, a credit to your company.

Bicester Village

We were very impressed with the professionalism and friendliness of your sales team, particularly with their technical knowledge. We would recommend SureSet to others.

St Anns Junior School, Virginia Water

Our courtyard looks fabulous with its SureSet globe! We've had so many positive comments, thank you so much.

Northwick Circle, Kenton

Your product is excellent and attracts a lot of attention.



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Perfect Permeable Paving

Since 1997, SureSet has been creating beautiful, long-lasting and environmentally-friendly paved surfaces.

Our resin bound paving solutions offer natural and recycled materials, unlimited colours, and a design flexibility no other type of paving can match.

Unlike many traditional paving systems, SureSet is permeable; this means that any proposal including SureSet demonstrates a sustainable approach to water conservation.

As market leaders in resin bound paving, we have the reputation, experience and innovative approach to make any design outstanding throughout the world.

- Durable.
- Permeable.
- Quick & easy to install.
- Unlimited colours.
- Flexible design capability.
- Low maintenance.
- Smooth, hardwearing finish.
- Colour stable.
- 10 year guarantee.





Why SureSet?

Smooth Finish With No Loose Stone

Seamless finish ideal for disabled access, children, pushchairs and bicycles.

Permeable

Fully permeable to water, preventing standing water and ideal when used over a permeable base as part of a SUD system.

Hardwearing

Long lasting surface for pedestrian and vehicular areas.

UV Stable

Colour remains true in sunlight.

Low Maintenance

Crack and oil resistant. Minimises puddles, ice and the number of joints for weeds to grow through.

Fast Installation

Approximately 250m² a day can be laid over many existing surfaces.

Design Flexibility

Colours, patterns and logos.

Unlimited Colour Range

For creative, innovative designs.

Colour Matching

Stay in keeping with the surrounding environment.

Matching Reinstatement

Easily patched and repaired with an identical formulation.

Home Installation Kits

Ideal for small individual areas and available direct from SureSet.

Environmentally Friendly

- Laying method is a low energy cold applied process.
- Thin layer depth (typically 18mm) minimises raw material consumption.
- Can remove the need for excavation and replacement of existing hard surfacing.
- Can be recycled as an inert aggregate at the end of its useful life.

10 Year Guarantee Against:

- Loose stone.
- Cracking.
- Oil damage.
- UV degradation.
- Colour fade.
- Frost damage.





Use It Just About Anywhere

SureSet can be used anywhere that a smooth, permeable surface is needed. With almost unlimited colours and outstanding design flexibility, the results can be sensational as well as hardwearing.

SureSet resin bound paving is ideal for external applications such as:

Heritage Sites

Colour matching on pathways, restoration projects and car parks maintains and enhances the environment.

Driveways, Pathways and Small Car Parks

Smooth and hardwearing for vehicles and pedestrians.

Regeneration Projects

Colours and striking designs for schools, community areas and parks.

Schools

A smooth finish with no loose stone. Easy to maintain for car parks, playgrounds, access areas and paths.

Tree Pits

Cheaper and easier to maintain than grilles, and reduces trapped litter.

Swimming Pool Surrounds

Smooth, permeable surface with low maintenance.

Outside and In

SureSet is not only suitable for external use. As an unusual hardwearing internal flooring, SureSet can look stunning in showrooms, shops, airports, museums and libraries.





Design Capabilities

Because SureSet aggregates are available in a wide range of materials, colours and textures, the design possibilities are endless.

- Create patterns, curves, circles, letters and numbers.
- Design and lay shapes using a stencil or metal edging.
- Achieve larger shapes with zones of coloured paving.
- Break up large areas with different shapes and colours.

SureSet Spectrum

The huge range of SureSet colours has been extended considerably by the addition of SureSet Spectrum, which offers the entire RAL colour palette.

Hardwearing, colourfast and with all the usual benefits of a SureSet resin bound paving system, Spectrum is ideal for creating small, complex, creative designs such as logos.

Design Tips

1. Minimum detail width using stencils or edging is 15mm wide using a 3mm mix.
2. We have a wide choice of natural aggregates in our range, including crushed rock, natural gravels and marble.
3. Stunning visual effects can be achieved with SureSet using recycled materials such as blue, green and lavender recycled glass, recycled cable casings, scallop shells and bathroom ceramics.
4. We're always happy to design bespoke mixes to match a customer's requirement, either by blending different materials to match a preferred colour or by sourcing a new type of material.





Specifying SureSet

To Specify the Process

A SureSet resin bound surface consists of:

- *Aggregate*
Natural gravels, crushed rock, marble or recycled materials.
- *Crystal clear resin*
Which is UV stable and flexible.

SureSet resin bound paving is a cold laid, hand applied process. The resin and aggregate are mixed together to ensure each particle is fully coated in resin, allowing it to bind together when laid.

To Specify the SureSet Blend and Depth of Lay

- *Product code*
E.g. L1411/00.
- *Description*
Colour, texture (crushed/rounded), and nominal size, e.g. 6mm Barley Beach.
- *Depth of laying*
E.g. 16mm (dependent on application type).

Where Can You Find This Information?

- Code and descriptions are labelled on the bottom of each sample disk.
- Recommended depths of laying are on SureSet specifications and quotations.
- **Contact SureSet Technical Sales on +44 (0)1985 841180**





Installation

SureSet Resin Bound Paving...

- Can be laid up to three times faster than other paving.
- Needs a curing time of between 4-6 hours for pedestrian traffic applications, and 12-16 hours for vehicular traffic.
- Can be laid in temperatures as low as 0°C and also in hot climates.
- Can be laid over existing surfaces.

Bases For SureSet

Asphalt (ideal base)

Suitable for all traffic types, depending on build up. Asphalt's flexibility helps to avoid cracking caused by sub-structural movement. SureSet can be laid directly onto an existing asphalt surface, or a newly installed one as soon as it has cooled. The ideal asphalt is a small nominal sized close graded asphalt.

Typical sub-base requirements for an impermeable construction are as follows:

- *Pedestrian traffic only - e.g. paths*
75mm depth of well compacted, granular sub base (conforming to national standards) to receive asphalt.
- *Light vehicular use - e.g. driveways*
150mm depth of well compacted, granular sub base (conforming to national standards) to receive asphalt.
- *Heavier vehicular use - e.g. car parks and access roads*
300mm depth of well compacted, granular sub base (conforming to national standards) to receive asphalt.

As with all groundworks, local specialist advice must be taken for the sub base requirements for each scheme.

Concrete

Suitable for all traffic types depending on build up. Concrete needs close attention when laying a SureSet surface, since it can be susceptible to cracking. Although SureSet is crack resistant, it will ultimately reflect any crack in the base, so expansion joints must be included in the plans, and carried up through the SureSet paving.

- *Existing concrete*
Needs to be sealed using a PVA primer before SureSet is installed.
- *Freshly-laid concrete*
A minimum period of 7 days must be allowed before installation of SureSet on new concrete, to allow the surface to harden sufficiently. A PVA primer will also need to be used to seal the surface.

Crushed Rock

Crushed rock is suitable for areas of low pedestrian traffic with no vehicular access...

- Should be built in two layers of 4/20 free draining crushed stone base, and well-compacted to a minimum depth of 100mm.
- SureSet needs to be laid to a minimum depth of 40mm to compensate for the weaker base.





Case Study

Mercury House, Gainsborough, England

Mercury House is a modern purpose built business centre located in a prime position on the outskirts of Gainsborough, Lincolnshire. The building itself was completed to a very high standard so it was essential that the customer had a paved area that was just as exceptional.

Having worked with SureSet on previous projects, Lincolnshire County Council has always been very pleased with the finished projects. Working mainly with the natural gravel range, it was especially exciting to be able to recreate the logo for Mercury

House exactly by using a product that is permeable and aesthetically pleasing, without compromising on the durability.

Spectrum permeable resin bound paving was used to recreate the 100m² logo. 3mm Mint Green, 3mm Green and 3mm SureGlow (glow in the dark) were used along with 6mm Sterling from the crushed rock range. Many mixes were blended on site to accomplish the fading that is evident on the logo and an accurately cut stencil was used to exactly replicate the crescent moon shape.

"We are very pleased with the results and have received many positive comments from the tenants of the new building centre. The logo has been reproduced to a very high standard."





Case Study

Chandos House, Southampton, England

It was time to wave goodbye to the drab grey paving slabs that were originally in situ on the footpath between Orchard House and Chandos House on the Holyrood Estate in Southampton. In its place, an impressive and contemporary linear design has been created using SureSet permeable resin bound paving.

The design, created by project artist Chris Tipping, incorporates different aggregates from the natural gravel, crushed rock and marble ranges.

When discussing the project Chris said “The brief was very open for this project. This was a fairly straight forward footpath; however, it gave an opportunity to play with repeating elements which suggested movement and rhythms as well as sightlines. The smaller areas represent meetings along the path between pedestrians coming from either direction.”

The simplicity of the design is brought alive by using contrasting colours and was installed at a 16mm depth, which is required for an urban pedestrian area, using 6mm sized aggregates in the Maple, Tuscan Terracotta, Winter Frost and Charcoal mixes. The stark contrast between the colours of the permeable resin bound paving brings life to the once plain footpath, which links the housing estate to the local shops and amenities.

As well as carrying out the design on the footpath, the tree pits were also completed using our 10mm Maple tree pit mix, a very open textured mix that allows water and air to penetrate through to the roots of the tree. SureSet tree pits need little maintenance, are vandal proof and enhance the environment, eliminating the need for unsightly and costly metal grilles.





Natural Aggregates

NATURAL GRAVEL



Maple



Barley Beach



Bronze



Chestnut



Cornish Pearl



Tuscan Barley Beach



Charcoal



Sahara Gold



Winter Frost



Tuscan Terracotta



Apollo



Sterling



Marble & Recycled Materials

MARBLE



Almond



Sterling Forest



Coral



Pearl Coral



Forest Green



Primrose Yellow

RECYCLED MATERIALS



Aegean



Meadow Green



Atlantic



Wild Lavender



Clear Frost



Pacific



Midnight



Spectrum



SPECTRUM

			
Daffodil Yellow	Light Blue	Light Pink	Mint Green
			
Ruby Red	Zinc Yellow	Signal Violet	Traffic Red
			
Pure Orange	Fawn Brown	Cobalt Blue	Yellow Green
			
Water Blue	Squirrel Grey	Lemon Yellow	Razzle Dazzle

The range is also available to buy loose in 20kg bags.



Home Installation Kits

Take the opportunity to bring gardens back to life with these easy to use SureSet Home Installation Kits.

SureSet Home Installation Kits are ideal for patio areas or small decorative features.

From pathways and patios to pond surrounds and roof terraces, create eye catching features by using our recycled glass or Spectrum range or alternatively tone in with existing gardens using natural gravel, crushed rock or marble.

Each kit will cover 0.5m² at a 16mm depth and contains full instructions of the mixing and trowelling process.



PermaSlab®

PermaSlabs provide a beautiful, highly durable, UV Stable and frost resistant paving solution for all paving needs.

New from SureSet UK Ltd, the leading supplier of permeable resin bound paving - the beautiful PermaSlab.

The new PermaSlab range has been developed to help realise the benefits of resin bound paving, but with the convenience of a standard 500 x 500 x 40mm format.

The PermaSlab is highly durable, resistant to frost and fully permeable, so the appearance of beautiful natural looking surfaces won't be spoiled by standing water, it will simply drain through.

The PermaSlab is laid like any traditional paving slab and is easy to cut, making laying a fast and straightforward process.





10 Year Guarantee & Maintenance

SureSet resin bound aggregate surfacing is fully guaranteed for ten years from the date of application against:

- Loose stone.
- Cracking.
- Oil damage.
- UV degradation.
- Colour change.
- Frost damage.

SureSet is dedicated to providing the highest possible service with the highest quality product.

The design technology of our resin bound paving system gives us the confidence that when installed in accordance with our quality standards, SureSet will be a hard wearing durable surface which can withstand traffic loads from light pedestrian to vehicular access roads, easily coping with the stresses of power steering and heavy axle loads.

The guarantee is conditional on a suitable surface course asphalt or other approved substrate having been used, and the advice in the SureSet Aftercare and Maintenance leaflet having been followed.

Maintenance

SureSet surfaces are intended to be used by normal pedestrian or vehicular traffic for which they have been designed. Protection should be provided wherever possible against abnormal usage.

Routine Maintenance

Keep the SureSet surface regularly swept clean with a stiff broom and hose with clean water.

Washing

Washing can be carried out using a portable pressure washer to remove dirt, grime and moss.





Frequently Asked Questions

Can I drive on SureSet?

Yes, SureSet can be designed for every application and can even take heavy traffic such as buses and lorries.

Is the resin toxic?

No. Once installed SureSet is an inert material. Part of the resin blend is derived from natural plant extract.

How is it permeable?

SureSet use just enough resin to ensure each particle is coated allowing the aggregate to bond securely whilst leaving voids for water to permeate through.

What depth is it normally laid at?

The depth of SureSet will vary for each project, this depends on the type of application and the size of the aggregate used. Typically the depth of SureSet is approximately 18mm.

Can I lay it myself?

Home Installation Kits are available for smaller areas. For projects larger than 20m² it is recommended you use a SureSet fully trained installation team.

How long will it last?

SureSet comes with a 10 year guarantee, however the resin technology suggests it will last in excess of 25 years.

How long does it take to cure?

SureSet will be suitable for use after 4-6 hours for pedestrian traffic applications, and 12-16 hours for vehicular traffic. 24 hours would be ideal where possible for heavy use to ensure a fully cured surface.

Is it easy to clean?

Yes. SureSet is very low maintenance and easy to look after. It can be cleaned with a power wash or simply a stiff broom.

Can I use the resin with aggregate I already have?

Yes. The vast majority of aggregates can be used. If yours is one that cannot then we can always suggest an alternative. Please note that the aggregate will need to be cleaned, dried and graded before re-use.



SureSet International

As market leaders, SureSet are developing internationally. We are looking to appoint Agents all over the world who would be able to market, sell and install the product within their area.

If you are interested in becoming an Agent for SureSet, please contact us via email at internationalsales@sureset.co.uk



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