

Q: Why Choose Resin Bound Aggregate for your Driveway, Patio, Path, Pool Surround or other event surface:

A: Resin Bound Aggregate creates a stunning patina, which with clever design can transform every element of space into an imaginative, functional, interesting, hardwearing and SUDS compliant surface. By listening to and understanding a client's needs, ideas can be translated into unique custom made designs.



When people look at a beautiful well laid Resin Bound Aggregate driveway ... it reflects on the property's prestige, and more importantly on your home's long-term 'feel good factor', a feeling of pride and admiration every day.

But, a badly laid resin surface, shows the pitfalls of a cheap job .. so could it be that cheaper resin / aggregate was used, and applied by an inexperienced contractor who probably offered a cheap price?

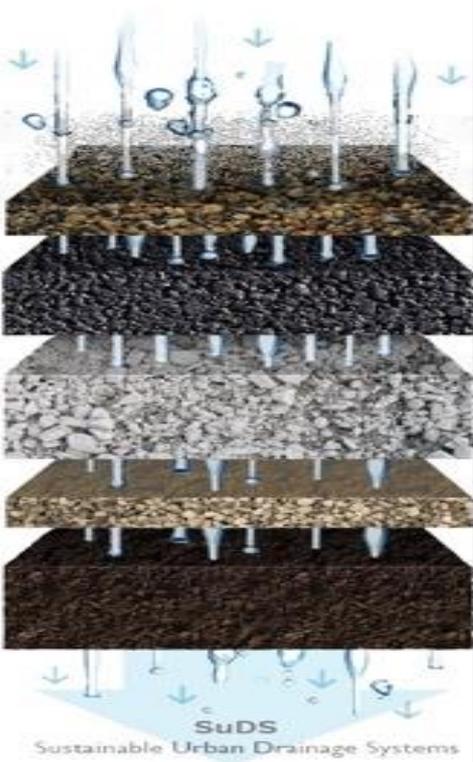
To apply resin bound aggregate product successfully, select a reputable and experienced contractor, then do go and see his completed work projects ... pay cheaply and you pay twice!, i.e. Monetary cost to put right; and, the Emotional cost, as your family (and neighbours) have to live with the dire results daily.

A professional and inspiring resin driveway doesn't come cheap, prices are in the region of £110-£150m², an overlay is less, the cost being dependant on the existing base. If you use sub-standard resin and/or don't use a resin driveway specialist, then you really cannot complain when things go wrong (see images below) ... **Quality is All.**

One of the biggest problems in the industry are Clients wanting / being offered a 'cheaper' job ...so if your are on a fixed budget, then please consider from the many alternative surfacings that are available, by opting for a cheaper resin quote - you will probably end up paying twice, so choose wisely and love the look☺

Q: What is Resin Bound Aggregate?

A: Aggregates are natural stone, available in a myriad of colours, which are then carefully mixed with Aliphatic UV Resin, and floated onto a suitably prepared surface in one homogenous porous layer.

<p>Glass beading to improve slip resistance.</p> <p>Resin Bound Aggregate course 18mm thick.</p> <p>Open texture tarmac or concrete, or a reinforcing grid on a permeable membrane.</p> <p>Sub base, compacted with Type 3 hardcore 150mm thick.</p> <p>Permeable membrane.</p> <p>Sub base usually native soil or clay – mechanically compacted.</p>		<p>Why should you need a porous SUDS surface?</p> <p>‘Sustainable Urban Drainage Systems’ (SUDS), is a government directive dictating that surface water on new or refurbished driveways cannot run off into the main highway and must drain within the curtilage of the property. Driveways constructed with Resin Bound do not need planning permission. The porosity is such that even excessively heavy rainfall soaks through, so no puddling or surface water.</p>
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What are the benefits of Resin Bound Aggregate surface? Resin Bound is a contemporary, elegant and beautiful surface, low maintenance, resistant to weed growth and oil spillage; hard wearing; flexible; withstands regular vehicle access; totally porous; easily cleaned and maintained; slip resistant; good to walk on; and, wheelchair friendly.

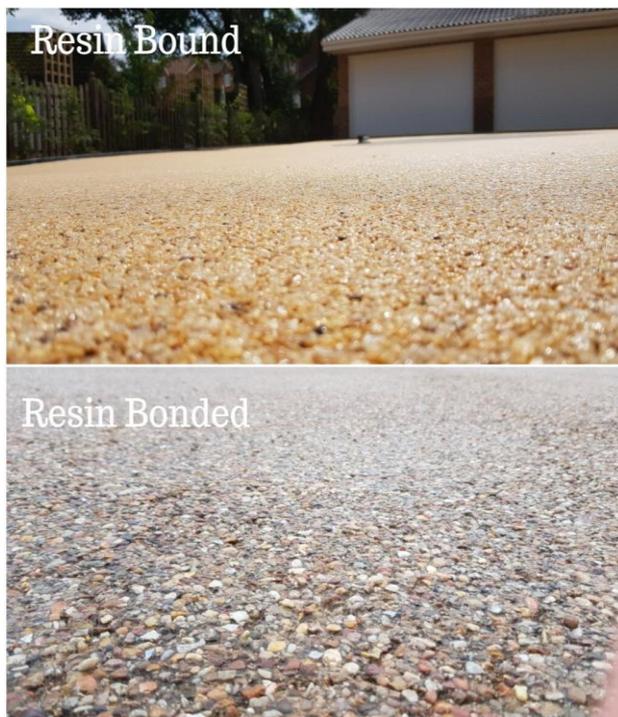
Resin BOUND or Resin BONDED? There is often some confusion over which is which?

Although they sound very similar they are totally different products with different attributes but distinguishing the two without seeing them can often be quite difficult.

- **Resin Bound** is a durable, smooth surface that is installed at a depth of 18mm for driveways, is permeable, uses Aliphatic UV Resin (doesn't fade), and surface doesn't shed stones.
- **Resin bonded** is a rough, cheaper surface created by rolling the resin (glue) directly onto the existing surface and scattering the stones on top... uses a cheaper Non-UV stable resin which can darken / fade when exposed to sunlight, is not permeable and surface stones shed easily.

RESIN BOUND

Resin Bound paving has been around since the late 1990s. It has, however, become more and more popular over the last 8-10 years with its benefits becoming more widely understood. It is essentially a mix of Aliphatic UV [polyurethane](#) resin with crushed dried aggregate and kiln dried sand. The resin, the aggregate and sand is mixed in a forced action mixer under strict timed control. This process binds the aggregate together. The fully coated aggregate is then screeded evenly over the surface of a [suitable](#) base and trowelled to a smooth finish. With resin bound, you can expect a solid, permeable surface with great aesthetics and durability. Resin bound is usually applied to the Driveway surface at a depth of between 18mm-20mm.



RESIN BONDED

Resin Bonded is the process of coating a flat surface with Non-UV polyurethane resin and scattering a layer of crushed aggregate on top. This was once a very popular choice for decorative surfacing, especially for larger areas, as there is only a fraction of resin used per metre compared to resin bound. It carries some positive attributes such as; ease of application, speed of application and versatility. This being said, resin bonded has come under some scrutiny in recent years due ease of stones being shed from surface, non – porous and its lack of longevity among other things. We do not recommend this surface.

What are the distinguishing features of Resin Bound and Resin Bonded?

	RESIN BOUND	RESIN BONDED
Finish	Smooth	Textured
Permeable	Yes	No
Slip Resistant	Yes	Yes
Prone To Weeds	No	No
Versatility	High	High

	RESIN BOUND	RESIN BONDED
Depth Laid At	15mm-20mm	6mm-8mm
Suitable For Heavy Traffic?	Yes	No
Maintenance	Low	Medium

Is Resin Bound Aggregate permeable?

One of the great benefits of using Resin Bound as a Driveway surface is its complete permeability ... providing the Resin is installed onto a permeable base and sub-base, then the surface will not hold water and is S.U.D.S compliant.

How much does it cost? Resin Bound is initially more expensive than Block or Sandstone Paving, however the long-term benefit is more economical. The cost of Resin Bound, varies depending on the location of the project, the size of the area, the shape of the area, the pre installation work required and the colour and style chosen. The cost of Resin Bound, like many other products and services, is usually worked out based on a price (£)/m².

A word of caution: There are a number of websites suggesting that the cost of Resin Bound is between £40pm² – £60pm², we can assure you those prices are usually inaccurate. If you are being quoted prices like these then the likelihood is that the contractor is either inexperienced or they are cutting corners.

How long does it take to install? Usually groundworks take from two to four days; plus, installation of the Resin Bound takes one day. Disruption to the property is normally less than for the laying of more traditional surfaces.

Can Resin Bound be laid on any surface? In some cases yes, but there will always be some preparation of the existing base to ensure it is porous, stable, level and evenly weight bearing.

Is it Guaranteed? Normally a 10 year guarantee on workmanship and materials, excluding

	Resin Bound	Tarmac	Concrete	Block Paving	P.I.C.	Resin Bonded
Non Fade	✓	✗	✗	✗	✗	✓
Permeable	✓	✗	✗	✗	✗	✗
Slip Resistant	✓	✗	✗	✗	✗	✓
Weed Resistant	✓	✗	✗	✓	✓	✓
Frost Resistant	✓	✗	✗	✗	✗	✗
Seamless	✓	✓	✗	✗	✗	✓
Oil Spillage Resistant	✓	✗	✗	✗	✓	✓

normal wear and tear, wilful or accidental damage or other issues defined as Act of God. You should expect approximately 20-25 trouble free years.

What is your procedure? We offer a free non obligatory survey of the site, with Client meetings to discuss the project, options and guidance so as to provide the best possible solution. We provide a full specification of works and breakdown of costs. On instruction we

execute all works and manage the entire project in-house to completion.

Why us? Anthony has worked in Landscape Design and Construction for over 30 years. He has a vast knowledge and experience of working with all types of surfaces and aspects of garden design and construction. Rita joined him 5 years ago. Together they form a formidable team, providing a seamless service from design, through construction to completion.