

The Home of Resin

vuba



Need an **Approved Contractor** or want to become one?
Get in touch!

Vuba Resin Bound DIY Kits

Resin bound doesn't have to be scary!



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Who are Vuba?

Vuba was established in 2009 as a specialist manufacturer and distributor of resin products by a highly experienced team in the resin industry. Over the last 10 years we have researched, developed and introduced brand new products into the market which have changed the resin bound landscape!

Our DIY kits were created as a small niche product in our range back in 2009....fast forward and we now have 1,000s of kits flying out of the warehouse each week!

Vuba have an experienced team from production to warehouse and technical sales staff available to help you every step of the way. Our technical support is unrivalled, so if you have any questions about your project you can call us on 01482 778897 so our team can help you!



Training Centre

Vuba Training Courses have been in action for 12 months, and what a fantastic response we have had! We have taken 100+ contractors from elementary level to completing projects. Our courses are held each month – ask us about them for more information.

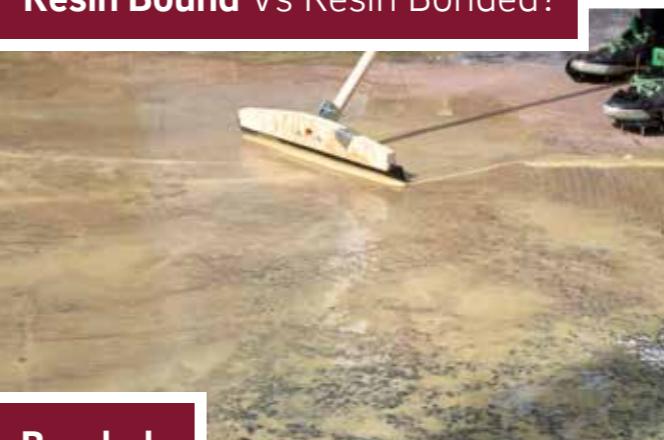
Trade Counter

From 1st December 2018 our new Trade Counter and Showroom is open and we welcome customers to come in and view, and purchase products from us directly!

Vuba Resin Bound

Vuba Resin Bound surfacing is a resin bound aggregate surface for pedestrian or vehicle traffic. Our resin bound system provides a seamless, flexible and decorative alternative to traditional paving systems.

Resin Bound Vs Resin Bonded?



Bonded:

- ▀ A base layer of resin is applied using a squeegee
- ▀ The aggregate is broadcast onto the resin
- ▀ It leaves a profiled aggregated finish bonded to the resin

Tip:

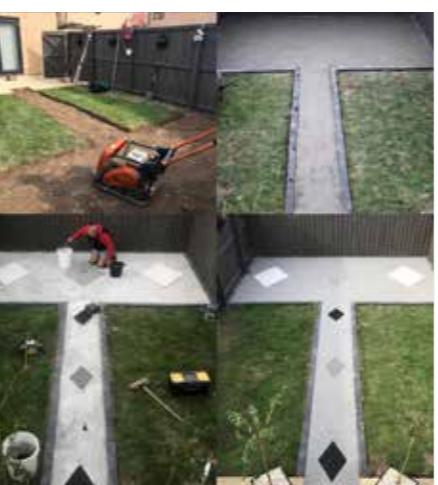
The way we like to remember the difference is: For resin bonded systems the stones are 'Bonded' to the top of the resin by scattering on top and it finishes to look like Pebble Dash! For the resin bound system the aggregate is 'Bound' in clear resin to create a flapjack-like consistency and then trowel applied directly onto the subfloor, to create a durable yet flexible, crack resistant finish.



Bound:

- ▀ The aggregate is encapsulated in resin
- ▀ The resin and aggregate mix is trowel applied
- ▀ The final finish is a flat aggregated finish

Resin Bound and Resin Beautiful



There's really no limit to what you can achieve with a resin bound DIY kit. Here's a few recent customer submissions, showing the diverse range of applications for our DIY Kits!



A Cheaper Way

Although famous for its kerb appeal and highly decorative finish, resin bound systems are in fact a cheaper way to cover all manner of unsightly existing surface finishes! An old concrete or tarmac driveway would have to be broken out to allow for new block paving, but our resin bound systems can be laid over the top, saving time and money in skips and diggers!

No More Garden Break Up!



Why is the Vuba DIY Kit so popular?

We sell over 1,000 kits per week – and have happy customers all over the UK!



No Catalyst Required

Our DIY Kits arrive pre-catalysed, so there is no requirement for additional mixing or blending on site.

Easy To Use Kit

1 x 25kg of Aggregate



1 x Resin (Part A)

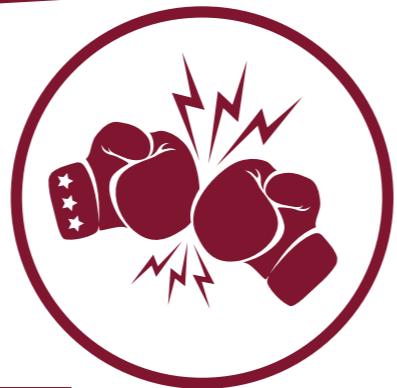
1 x Activator (Part B)



Vuba DIY Kit

VS Large Kits

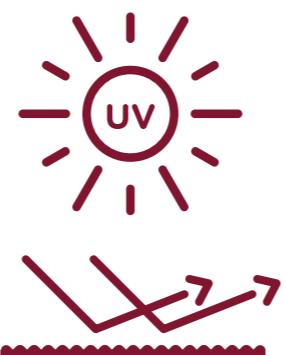
The DIY Kit weighs 26.5kg for Non-UV and 26.625kg for UV Stable, and therefore can be mixed using a large drill and paddle, in a standard mixing bucket. The Kit can be supplied in a mixing bucket as an optional extra. Unlike with large 'contractor' style 100kg mixes, there is no requirement for a large



pan forced action mixer, which can be difficult to transport and costly to hire. In addition, using the DIY Kits enable projects to be carried out using 1 or 2 operatives, instead of 3 or 4, which are required for a larger mixer project.

To UV, or not to UV...

The answer is almost always to UV! The activator in non-UV stable resin bound will darken and create a yellow / brown appearance on the resin almost immediately from exposure to sunlight. We would only advise to use non-UV when testing / trialling products, or using them in areas with no sunlight.



Vuba Resin Bound Base Build Ups:

Tarmac



Pedestrian Traffic - 12mm to 15mm
Parallel Driveways - 15mm to 18mm
Turning Vehicle / Heavy Traffic 18mm to 24mm

Binder Course

Minimum 50mm depth of AC 14 close surf asphalt max 100/150 pen to BS EN 13108-1:2006.

Sub Base

150 – 225mm depth of well compacted non-frost susceptible Type 1 granular sub base.

Sub Grade

Top soil stripped back until organic and vegetative material has been removed

Concrete



Pedestrian Traffic - 12mm to 15mm
Parallel Driveways - 15mm to 18mm
Turning Vehicle / Heavy Traffic 18mm to 24mm

Binder Course

Minimum 100mm concrete, finished to a tamped or brushed finish. Compressive strength to be 30N/mm² and tensile strength 2.5N/mm². Relative humidity to be below 85% RH in accordance with BS 8205.

Sub Base

150 – 225mm depth of well compacted non-frost susceptible Type 1 granular sub base.

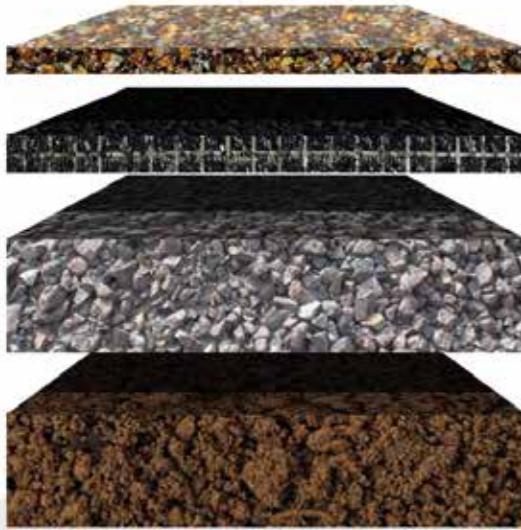
Sub Grade

Top soil stripped back until organic and vegetative material has been removed

Vuba Resin Bound Base Build Ups:

CONTACT US
FOR ADVICE AND
SPECIFICATION
ON YOUR
PROJECT

Vubagrid Cellular Paving



Pedestrian Traffic - 15mm to 18mm
Parallel Driveways - 18mm to 24mm
Turning Vehicle / Heavy Traffic 24mm to 30mm

Binder Course

40mm depth with 25mm spikes fully connected cellular reinforcement structure infilled with well compacted 4/10mm graded crushed aggregate to BS EN1260.

Sub Base

150 – 225mm depth of well compacted non-frost susceptible Type 1 granular sub base.

Sub Grade

Top soil stripped back until organic and vegetative material has been removed

Existing Paving Surfaces



Pedestrian Traffic - 12mm to 15mm
Parallel Driveways - 15mm to 18mm
Turning Vehicle / Heavy Traffic 18mm to 24mm

Binder Course

Mix Basefix as per instructions for correct strength. Basefix to be applied between 5mm and 15mm thickness. Surfaces to receive Basefix should be clean, dry and free from contamination. Basefix is a polymeric graded cement formulation, designed to increase the strength of substrates.

Sub Base

This surface is to be applied over existing paving, stone slabs and other undulated surfaces requiring additional preparation and consolidation prior to overlayment using a resin bound screed.



Vuba Resin Bound Training Courses

The Vuba resin training courses are carried out by an experienced, award winning team in the resin industry. Our courses have now helped 100's of contractors go from training to trowel, adding revenue streams and creating new businesses! We're here to help, and we love to help our customers and build lasting relationships!

1. Resin Bound: The Fundamentals

A practical understanding of the fundamental principles in the preparation and successful application of resin bound screeds.

2. Resin Bound: Advanced

A comprehensive look at application techniques, blend creation, and ancillary products in the resin bound market.

3. Playground Surfacing: The Fundamentals

A practical understanding of the fundamental principles in the application of recycled rubber and EPDM Rubber Surfacing.

4. Resin Bonded: Complete

A practical understanding of the fundamental principles in the preparation and successful application of resin bonded screeds.

When and Where?

Our training courses are held at our specialist training centre, held at our old industrial unit (where it all started!) based in Hull. We hold courses at least twice per month, and the latest schedule can be seen on our website.



YouTube:

We have a popular YouTube channel with over ½ Million views! You can view our easy 'how to' videos here; learn about our new products and see the latest from the Vuba team!

*Using Basefix to consolidate an existing varied substrate can be used in situations whereby it is not possible to remove and replace the existing sub base. Failure of the sub base could result in failure of the resin system. Care should be taken to ensure this product is only used on to surfaces of sound construction.

Installation Guide

Coverage Rates

Light and Pedestrian Traffic = 12mm
1 Kit @ 12mm = 1.25m²

Medium and Parallel Vehicle Traffic = 15mm
1 Kit @ 15mm = 1m²

Heavy Duty and Turning Traffic = 18mm
1 Kit @ 18mm = 0.75m²



Working & Curing Times

Working time is affected by temperature; at temperatures above the maximum recommended in the following tables, the pot life and working time may be insufficient to allow a wet edge to be maintained.

Work should therefore not proceed when product and / or air temperature exceeds recommendations. The air temperature must therefore be monitored during

application and work should stop when temperature exceeds recommendations.

Care must be taken to keep materials as cool as possible in warm weather. However, at low temperatures Vuba Resin Bound Surfacing resin will not flow sufficiently to achieve a smooth finish and work should not proceed when air, material or substrate temperature is below 5°C.

Ambient Temperature	5°C	10°C	15°C
Working Time	40-60 Minutes	30-45 Minutes	20-30 Minutes
Lay Before Rain	3-4 Hours	2-3 Hours	1-2 Hours
Pedestrian Traffic After	12-14 Hours	7-9 Hours	5-7 Hours
Vehicle Traffic After	1-2 Days	24 Hours	15-17 Hours

Priming

The priming of a subfloor is dependent upon the condition of the surface.

Asphalt Surfaces: No primer required

Good Condition Concrete / Cementitious Screed:
Polyprime as Standard

Poor Condition Concrete / Cementitious Screed:
Epiprime and Seeded*

Cellular Grid: No primer required

Existing Undulated Surfaces: Basefix*

*Seek Vuba Technical Advice



Product Focus: Basefix

'Bag and Bottle' High Strength Mortar for Repairing Surfaces before Resin Bound Application

Application Instructions

- 1) Mix the strengthening liquid with the graded cements
- 2) Add water to achieve desired consistency
- 3) Trowel on to the surface as required



Step No.1

Add all of Resin A and Activator B into the mixing drum, being careful to scrape in all contents.



Step No.3

Slowly empty the aggregate bag into the mixing drum whilst continuing to mix the resin. You should mix the aggregate into the resin for a further 90 seconds. Mixing times should be consistent for all mixes to prevent colour variation.



Step No.2

Using a drill and paddle, mix for 90 seconds until fully blended. Do not add the aggregate until the resin is fully blended.



Step No.4

Pour the mixed resin out on to the working surface and spread using a trowel at a vertical angle. Once spread, you can apply a finish to the resin using a freshly cleaned trowel. Keep your trowel clean throughout application.



Step No.5

The Vuba Resin Bound DIY Kit is a resin product, and therefore temperature will affect the curing time. As a general safe guide, wait 24 hours before foot traffic and 48 hours for vehicle traffic. We hope you enjoyed your experience – now submit your photos to us to be featured online and receive cash back!

Extra Options

Crushed Glass:

If you wish to add crushed glass, complete this **after Step 4**. There is no requirement to trowel or push glass in place, simply scatter evenly over the resin screed whilst it is still tacky and leave overnight.

Please Note: Non-UV resin should NOT be used in areas which will receive sunlight.

Hint:

Soapy water or Cleaning Solvent (available from Vuba) is a must for cleaning your trowel occasionally while laying. Swiping a clean trowel over an area of aggregate you have just laid helps to close up the surface for a smooth finish.

Vuba Individual Aggregates

Individual Aggregates Vs Aggregate Blends

We supply two types of aggregate colours. The first, and cheapest for a DIY kit, is the 'Individual Aggregates'. You can see our range of Individual Aggregates on this page. These are perfect for use in gardens, pathways and parallel vehicle traffic. However, for more heavy duty areas and turning traffic, we would recommend our 'Aggregate Blends'. Aggregate Blends contain a matrix of different sized aggregate, perfect for withstanding the rigours of turning wheels and heavy loads.



We have two types of Aggregate choices available:



Classic
1-3mm



Corn Flint
2-5mm



Danish Quartz
1-3mm



Danish Quartz
2-5mm



Amber Gold
1-4mm



Apothecary Red
1-3mm



Apothecary Red
2-5mm



Arctic White
2-5mm



Devon Yellow
1-3mm



Dorset Gold
1-3mm



Golden Quartz
2-5mm



Jerez Yellow
1-3mm



Autumn Quartz
1-3mm



Autumn Quartz
2-5mm



Beige
2-5mm



Black
1-3mm



Laurel Green
1-3mm



Silver Grey
2-5mm



Silver Blue
1-3mm



Silver Blue
2-5mm



Black
2-5mm



Brittany Bronze
1-3mm



Brittany Bronze
2-5mm



Celtic Plum
1-3mm



Silver Grey
1-3mm



Winter Quartz
1-3mm



Winter Quartz
2-5mm

Vuba Aggregate Blends



Beautiful Blends

The Vuba Aggregate Blends are widely regarded as the most attractive range in the industry. Available at standard price within our 'Contractor Kits', they are a premium for a DIY Kit as they require special blending and packaging.



Autumnal Mill



Black Granite



Canadian Spruce



Dubai Sunrise



Red Galaxy



Roman Piazza



Siberian Wolf



Silver Speckled Highland



Himalayan Mist



Icelandic Volcano



Maple Fall



Mayan Temple



Venetian Stone



Village Pavilion



York Acorn



Yorkshire Tweed



Moroccan Gold



Nordic Stormn



Olive and Fig



Pecan and Walnut

Did you know we also do Single Aggregate?

Single aggregates are available as standard in the Contractor sized kits, or at a premium for DIY kits.

Preparation & Base Build Ups



Concrete

Concrete bay proportions should be ideally 1:1 and should not be greater than 5:2, long narrow strips of concrete will crack across the bay width and these cracks are likely to be mirrored in the surfacing.

Ensure that the concrete has a minimum design strength of C30 and that the concrete has a minimum compressive strength of 20N/mm² before the surface is applied on to. Concrete composition and thickness should be representative of that required for the type of area in use, in line with recommendations from the asphalt installer / manufacturer.

Asphalt Surfaces

New asphalt concrete should be left to cool and gain strength before application of Vuba Resin Bound Surfacing. The surface of the asphalt concrete must be clean, dry and free from loose materials. A minimum of 7 days should be allowed for the oxidisation process. Asphalt composition and thickness should be representative of that required for the type of area in use, in line with recommendations from the asphalt installer / manufacturer.

Health and Safety

Please read our Vuba Resin Bound MSDS before use of our products.

Preparation and Anti-Slip



Resin bound screeds have an aggregated finish as standard. The Slip Resistance Values of our blends have been tested and officially classified between 46 and 59 – ‘Low Risk of Slip when Dry’. When wet, our blends have been tested to produce a PTV Value between 37 and 50, again classified as low potential for slip. Therefore, we do not recommend the addition of anti slip crushed glass as standard.

However, for inclines and areas which you might be aware will be wet or have contamination on the surface, you can add crushed glass to your order, which is then broadcast on to the resin bound system after application.

Technical Info

For expert advice on slip resistance, preparation or any other technical enquiry, you should take advantage of our expert technical team. We have a field technical expert who is available for site visits, as well as telephone based support. We’re happy to help out of hours, weekends or just about any time so your project is a success!

Important Notes

Pot Holes – Polycrete or Vubarock
Small Undulations – Epicrete or Epirock
Rapid
Crack Repair – Liquid Rock

Perimeter Profile:
A suitable steel, wood, brick, stone or aluminium edging should be provided to ensure a neat edge detail.

Surface Flatness:
The maximum tolerance of the base should not exceed 3mm under a 1m straight edge. If there is a danger of ponding, the sub-base should be laid to falls.

Movement Joints:
Any movement joints / construction joints in concrete should reflect through the surface. Vuba Resin Bound screeds are flexible and will cover day work joints. However, joints between differing substrates should be chased out and filled using an epoxy compound prior to application of the resin bound screed.

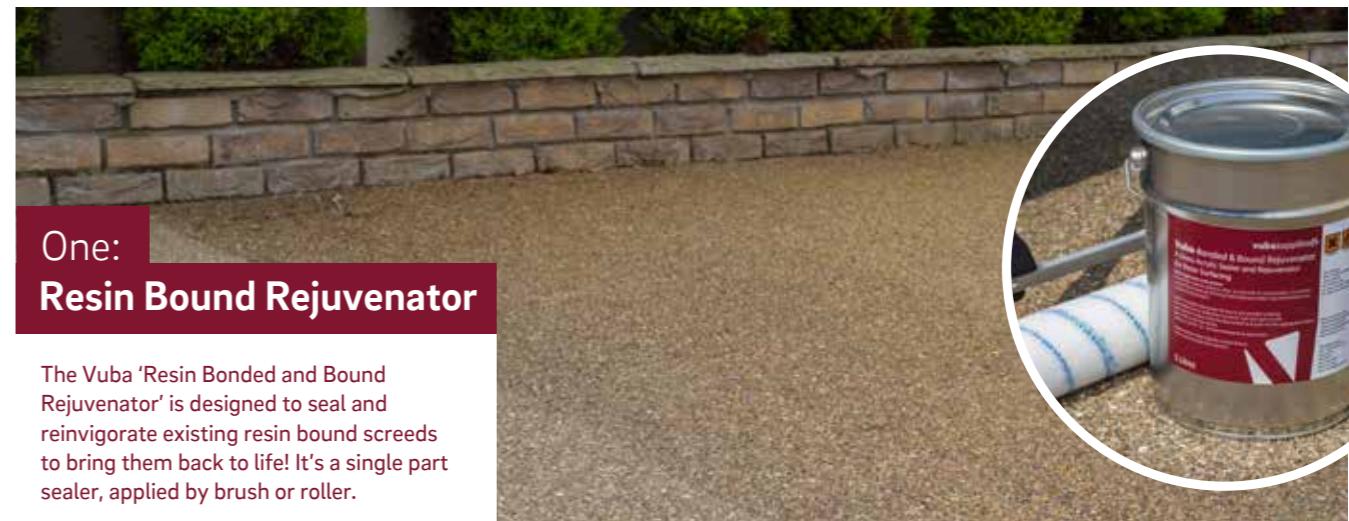
Sub-Base Thickness:

Total sub-base thickness will be dictated by loading and attenuation requirements..

Any advice, recommendation or information given by Vuba Building Products Limited is based on practical experience and is believed to be accurate at the time of publication. No liability or responsibility of any kind (including liability for negligence) is accepted in this respect by the company, its Servants or Agents.

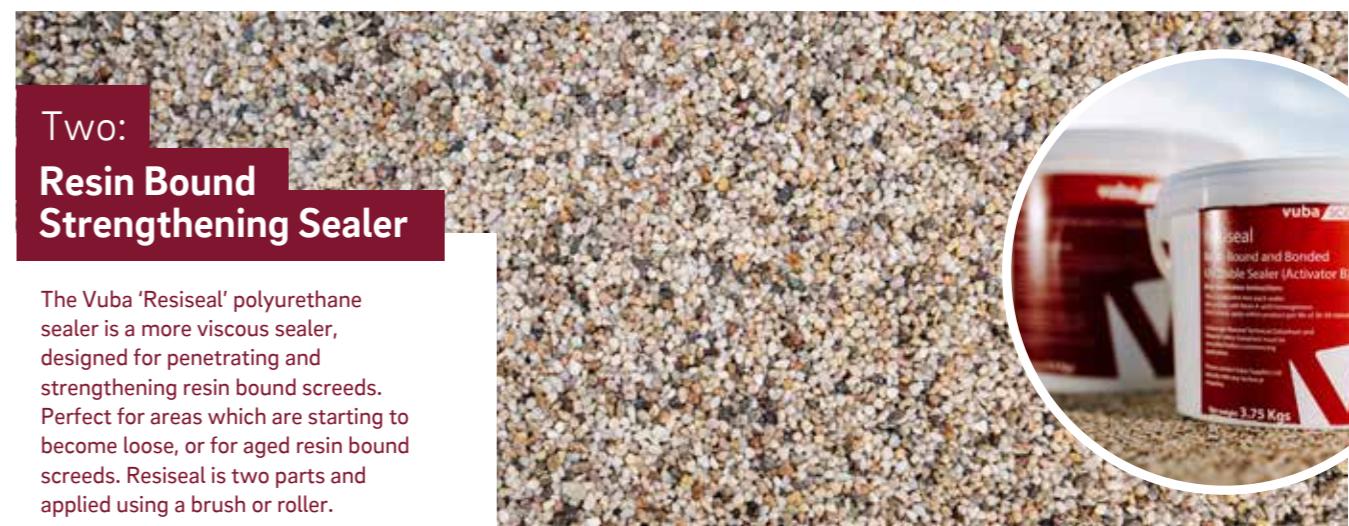
Subfloor Repairs:
Cracks should be broken out if necessary and filled using one of the Vubafix range of repair products:

Sealers for Resin Bound Screeds



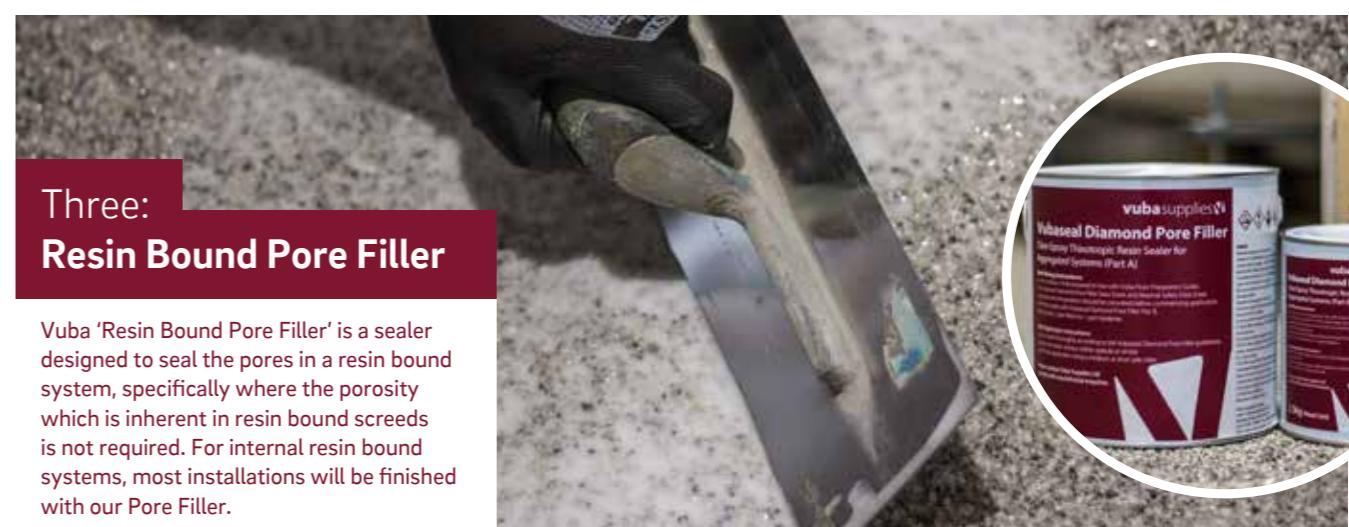
One: Resin Bound Rejuvenator

The Vuba ‘Resin Bonded and Bound Rejuvenator’ is designed to seal and reinvigorate existing resin bound screeds to bring them back to life! It’s a single part sealer, applied by brush or roller.



Two: Resin Bound Strengthening Sealer

The Vuba ‘Resiseal’ polyurethane sealer is a more viscous sealer, designed for penetrating and strengthening resin bound screeds. Perfect for areas which are starting to become loose, or for aged resin bound screeds. Resiseal is two parts and applied using a brush or roller.



Three: Resin Bound Pore Filler

Vuba ‘Resin Bound Pore Filler’ is a sealer designed to seal the pores in a resin bound system, specifically where the porosity which is inherent in resin bound screeds is not required. For internal resin bound systems, most installations will be finished with our Pore Filler.

Resipath

One Layer Flexible Resin Bound Screeed

What is Resipath?

Resipath is a 'direct to hardcore' surfacing screed comprised of rubber and stone encapsulated in a clear resin. Resipath is supplied in a complete 101.65kg kit containing UV stable two part resin; recycled rubber; blended aggregates and fine sand.

Why Choose Resipath?

Resipath can be laid directly on to Type 1 or Type 3 Hardcore, saving the time and expense of laying a traditional concrete or tarmac base. This can especially useful for time saving, and if you have a limited thickness of base you can install.

Is Resipath Flexible?

Resipath has a 'give' that is similar to playground surfacing – perfect for home or commercial areas where children will play.

How is it Applied?

You mix and apply Resipath in a very similar way to our 'Contractor' kits using a large pan forced action mixer. Contact us for more technical information about Resipath.



Black Granite Flex



Moroccan Gold Flex



Nordic Storm Flex



Olive and Fig Flex



Pecan and Walnut Flex



Red Galaxy Flex



**View More
Swatches Online**



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