



**INTERNATIONAL
EDITION**

Resin Bound Surfacing

The definitive brochure of modern, environmentally friendly and aesthetically impactful surfacing manufactured and supplied by Vuba.





Blend in Use: RIALTO BRIDGE

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Jump in with Vuba!



Perfect for Pools!



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Why Choose Vuba Resin Bound?

Vuba Resin Bound Surfacing is a Permeable, SuDS compliant highly decorative paving system. Vuba is perfect to provide an environmentally friendly, hardwearing and design-led solution for Housing Developments, Public Buildings, Private Driveways and more.



20 Year Warranty



Authentic Spanish Marble



100% Free Draining



Extremely Hard-wearing



Low Maintenance

Resin Bound VS Other Surfaces

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

Resin Bound is 19 times more permeable than block paving*

*ACCORDING TO RECENT TESTING BY THE FLOOD INNOVATION CENTRE



Determination of VUBA Paving Permeability Report
SCAN TO READ THE FULL REPORT

Resin Bound in Hot Climates

Advantages in Hot Climates

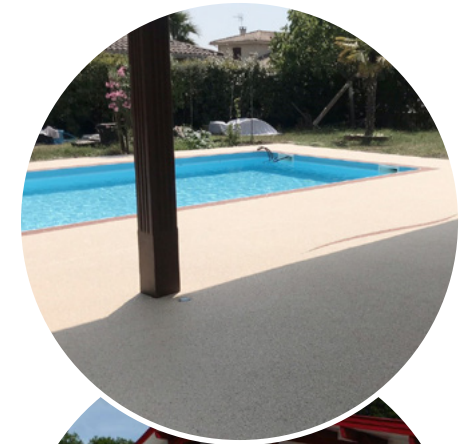
1. Reduced Heat Island Effect: Reflects more sunlight, reducing heat absorption.
2. Low Maintenance: Requires minimal maintenance even in extreme temperatures.
3. UV Resistance: Retains color and structural integrity under prolonged sun exposure.

Heat Resilience of Resin-Bound Surfaces

1. Material Stability: Resistant to softening and deformation under high temperatures.
2. Crack Resistance: Less prone to cracking due to thermal expansion.
3. Consistency: Maintains its appearance and functionality over time.

Applications in Hot Climates

1. Public Spaces: Parks, plazas, and pedestrian walkways.
2. Residential: Driveways, patios, and pathways.
3. Commercial: Parking lots, terraces, and entrances



Environmental Considerations

Environmental benefits of Resin Bound surfacing include:

Water Management: Permeability aids in water conservation and prevents runoff.

Resin Bound Surfacing is SUDS compliant – Sustainable urban drainage systems. It is completely porous, can be used to recycle water if you have tanks / drainage systems to do so.

Sustainability: Uses recycled materials and is a low-carbon option.

Energy Efficiency: Reflects sunlight, reducing the need for cooling in adjacent buildings.



Tools of the Resin Bound Trade

Make quick work of Resin Bound with a Power Trowel

1. Consistent quality giving a flatter finish over time against hand troweling.
2. Occupational Health, improving your standard operating procedures by improving your health and well being. In short getting you off your knees, removing a lot of the physicality out of the job.
3. By improving point 2, this will allow you to install more area with the same labour
4. Less requirement for skilled labour i.e. trowel hands and therefore cost saving over time.

You could lay 300m² a day comfortably all week with a 5 man gang.

If they were were hand trowelling they would be pretty tired by end of week.

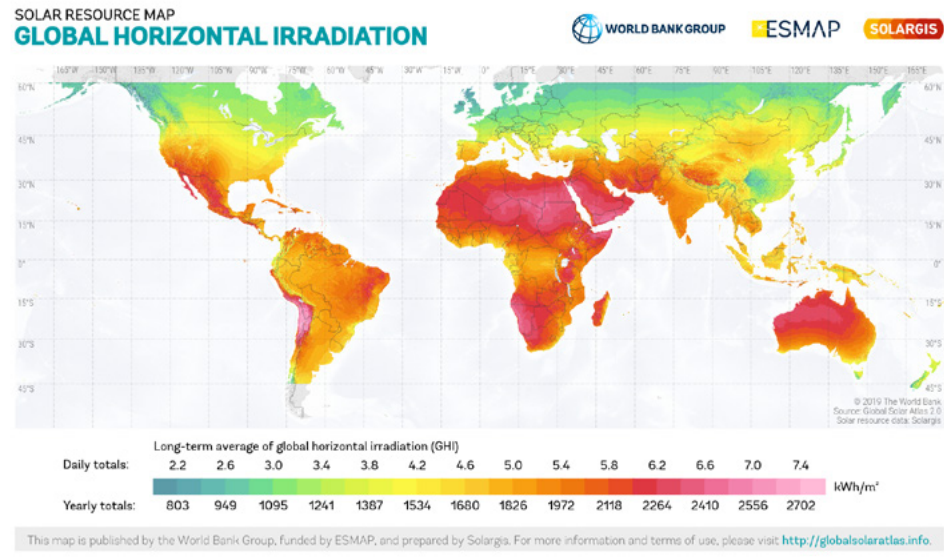


UV Stability

We have a range of UVX additive for Vuba Resin Binder.

The amount of UVX additive needed for the Vuba system depends on the amount of UV stability needed for the location of use. Please see the table below for UVX types and appropriate uses.

















UV Stability Grades	Locations
Vuba Resin Binder UV	UK, Eastern & Central Canada, Germany, Eastern Europe, Northern France
Vuba Resin Binder UV+	Northern and Eastern USA, Southern France, Northern Italy, West Canada
Vuba Resin Binder UV Superior	Southern Europe, Remainder of USA, parts of Africa, Australia
Vuba Resin Binder UV World	Middle East, Africa, Australia



Kit Size	Addition Rate		
	UV Plus	UV Superior	UV World
6.5kg	60ml	120ml	180ml
6.75kg	62.5ml	124ml	186ml
7.0kg	64.5ml	129ml	193.5ml
7.5kg	69ml	138.5ml	208ml

Choose your Vuba UVX Additive

Our UVX additives have been tested in Arizona, one of the hottest climates in the world. The below resin bound swatches prove the UV stability of each of our UVX additives, as well as our Binder without UVX compared to competitor binders.

	Vuba Resin Binder	Competitor A Binder	Competitor B Binder
 Sealed in Darkness			
 Intense UV Irradiation Exposure			
<hr/>			
	Vuba Plus	Vuba International	Vuba World
 Sealed in Darkness			
 Intense UV Irradiation Exposure			

All samples were created at the same time. The samples were left exposed to natural sunlight in Arizona, USA.

Maintaining Resin Bound is Easy!

5 Main Maintenance Points

Static wheel/small turning circles

Pressure exerted from static turning can dislodge surface aggregates. Once the matrix has broken, the surface will weaken and break away. It is very important that vehicle wheels are not turned when static or slow moving, and small turning circles should be eliminated in the driveway design.

Impact damage/high point loads

Take care not to drop heavy equipment on to the driveway, such as the placement of skips. Also be aware – skips can often leach rust on to your driveway which you may not be able to clean. Car jacks can depress the surface of Resin Bound and should be placed on a wooden board for load distribution.

Chemicals and staining

Petrol, solvents, etc. should not come into contact with resin surfacing ideally. In the event of spillages, dilute and clean immediately. Solvents and some chemicals will degrade the resin binder, resulting in stone loosening over a period of time.

Leaching/Discolouration

Like all paving surfaces, Resin Bound will discolour if covered long term permanently with a close contact object. Discolouration occurs from leaching and lack of exposure to air/sunlight. An example would be a flat bottom plant pot or a storage box. Use raised plant pots, and do not store items like storage boxes on the surface.

Rejuvenating your surface

A great way to extend the life of your driveway is by sealing the surface after a deep clean. This can be done using a diluted polyurethane UV resin sealer – contact your installer for more information. A good time to carry out this enhancement would be 2-4 years after installation of the resin surface.



How to Clean Resin Bound Surfacing

Cleaning Process

Resin Bound Surfaces can be power washed, it is recommended to have the lance at a 90 degree angle and at least 300mm from the surface. Cleaning too close can cause aggregates to be dislodged.

It's very good practice to clean your Resin Bound surface regularly. And for lighter colours, it will be even more important to carry out regular cleaning.



Page 34-35 - More cleaning and maintenance information



Simply jet wash to keep clean



Commercial Application

Resin Bound can also be applied in commercial settings, offering a modern aesthetic which needs little maintenance.



Public Buildings



Retail



Sports & Leisure Venues

Borders, Patterns and Colour Pairings

Resin Bound can be used to create unique designs using patterns, borders and colour pairings for a bespoke driveway or outdoor living area. Match the colours and personality of your home with a colour pairing of your choice.



Poseidon & Rialto Bridge

Create Bespoke Designs with Resin Bound





Colorado

SKU: COL-ADO



Huka Falls

SKU: HUK-FAL



Taj Mahable

SKU: TAJ-MAH



Bastille

SKU: BAS-MAR



Lake Garda

SKU: LAK-GAR



Cannes

SKU: CAN-NES



Rialto Bridge

SKU: RIA-LTO



Poseidon

SKU: POS-EID

Vuba Systems and Colours

PEDESTRIAN USE

FINO SYSTEM
SUITABLE FOR PEDESTRIAN USAGE

Use with: 7kg Vuba Resin Binder
Depth: 10mm
Coverage: 7m²

Red Marble 4 x 25kg 2-4mm	Ivory Marble 4 x 25kg 2-4mm	Pink Marble 4 x 25kg 2-4mm	White Marble 4 x 25kg 3-6mm	Caramel Marble 4 x 25kg 2-6mm	Blue Grey Marble 4 x 25kg 2-4mm

GRANDE SYSTEM
SUITABLE FOR PEDESTRIAN USAGE

Use with: 7kg Vuba Resin Binder
Depth: 12mm
Coverage: 6m²

Red Marble 4 x 25kg 4-6mm	Ivory Marble 4 x 25kg 4-6mm	Pink Marble 4 x 25kg 4-6mm	Blue Grey Marble 4 x 25kg 4-6mm

Installation Examples

PEDESTRIAN MIX SYSTEM
SUITABLE FOR PEDESTRIAN USAGE

Use with: 7kg Vuba Resin Binder
Depth: 12mm
Coverage: 5m²

Monaco Pink Marble 4-6mm Pink Marble 4-6mm Ivory Marble 4-6mm Ivory Marble 4-6mm	Barcelona Caramel Marble 2-6mm Caramel Marble 2-6mm Ivory Marble 4-6mm Ivory Marble 4-6mm	Marbella Blue Grey Marble 4-6mm Blue Grey Marble 4-6mm Ivory Marble 4-6mm Ivory Marble 4-6mm	Paris Caramel Marble 2-6mm Caramel Marble 2-6mm Spanish Quartz 2-6mm Spanish Quartz 2-6mm	Barcelona Mini Caramel Marble 2-6mm Caramel Marble 2-6mm Ivory Marble 2-4mm Ivory Marble 2-4mm	Marbella Mini Blue Grey Marble 2-4mm Blue Grey Marble 2-4mm Ivory Marble 2-4mm Ivory Marble 2-4mm

Vuba Systems and Colours

VEHICLE USE

VEHICLE MIX SYSTEM
SUITABLE FOR VEHICLE & PEDESTRIAN USAGE

Use with: 7.5kg Vuba Resin Binder
Depth: 18mm
Coverage: 3.5m²

LAKE GARDA Dark Grey Marble 1-3mm Blue Grey Marble 2-4mm Caramel Marble 2-6mm Ivory Marble 4-6mm	RIALTO BRIDGE Ivory Marble 1-3mm Caramel Marble 2-6mm Caramel Marble 2-6mm Caramel Marble 2-6mm	CANNES Ivory Marble 1-3mm Ivory Marble 2-4mm Spanish Quartz 2-6mm Pink Marble 2-4mm	POSEIDON Blue Grey Marble 1-3mm Blue Grey Marble 2-4mm Blue Grey Marble 4-6mm Blue Grey Marble 4-6mm
HUKA FALLS Dark Grey Marble 1-3mm Caramel Marble 2-6mm Caramel Marble 2-6mm Dark Grey Marble 4-6mm	COLORADO Dark Grey Marble 1-3mm Ivory Marble 2-4mm Dark Grey Marble 4-6mm Ivory Marble 4-6mm	TAJ MAHABLE Red Marble 1-3mm Pink Marble 2-4mm Caramel Marble 2-6mm Red Marble 4-6mm	BASTILLE Dark Grey Marble 1-3mm Spanish Quartz 2-6mm Caramel Marble 2-6mm Dark Grey Marble 4-6mm

Order a Sample.

Can't decide on a colour?

Our iconic disc samples are available now on our website, and they come in a larger size too.

Scan the QR code to see all blends.



Poseidon

Poseidon is one of our original true greys and has proven to be one of the most popular. Comprising a blend of all Blue Grey marble, you can see how this timeless grey enhances any outdoor space.

SKU: POS-EID



VUBA Wonders of the World



Get Inspired!
See this blend in use
on our Pinterest

Create Stunning Outdoor Spaces





Bastille

Bastille Marble is a brand new blend exclusive to Vuba. With a mixture of cool and warm aggregates, this blend has the scope to complement both modern and traditional homes adding that je ne sais quoi to any surface.

SKU: BAS-MAR

Brand new blend!



Get Inspired!
See this blend in use
on our Pinterest





Huka Falls

Huka Falls is a brand new all marble blend, a stunning combination of Dark Grey and Caramel marble. It is the perfect mix of traditional buff with a wonderfully modern grey.

SKU: HUK-FAL



Can't decide?
Get samples on
our website



Get Inspired!
See this blend in use
on our Pinterest



Rialto Bridge

Inspired by the famous bridge in Venice, bring a little bit of Italian style to your project. A lovely blend of warm and cool tones to create a subtle warmth.

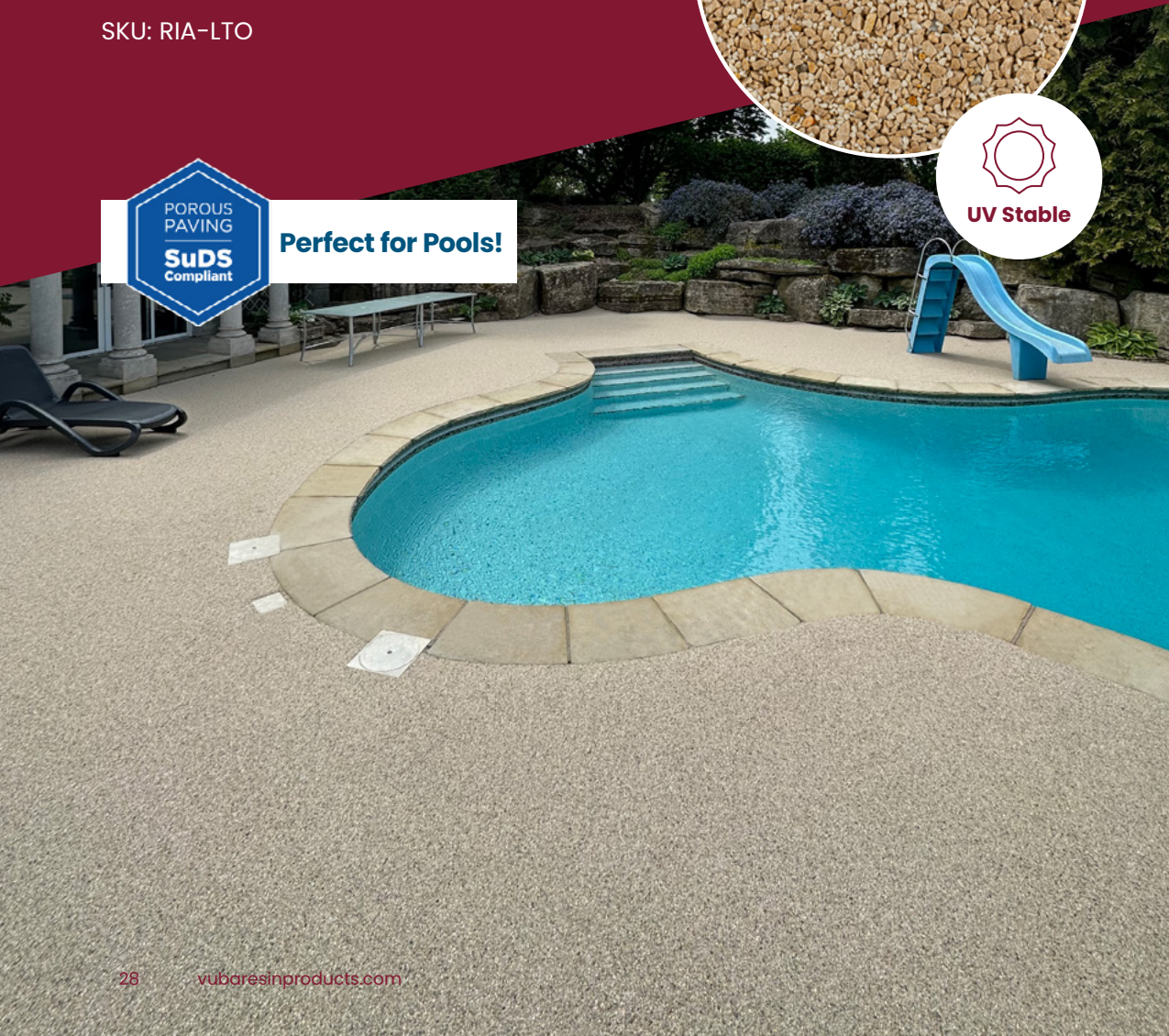
SKU: RIA-LTO



UV Stable

POROUS
PAVING
SuDS
Compliant

Perfect for Pools!



Wonders
of the
World



Get Inspired!
See this blend in use
on our Pinterest

Colorado

Colorado is a blend of our Ivory Cream marble and our Dark Grey grey marble creating the perfect mix of light and dark colours for your Resin Bound Surface.

SKU: COL-ADO



Get Inspired!
See this blend in use
on our Pinterest



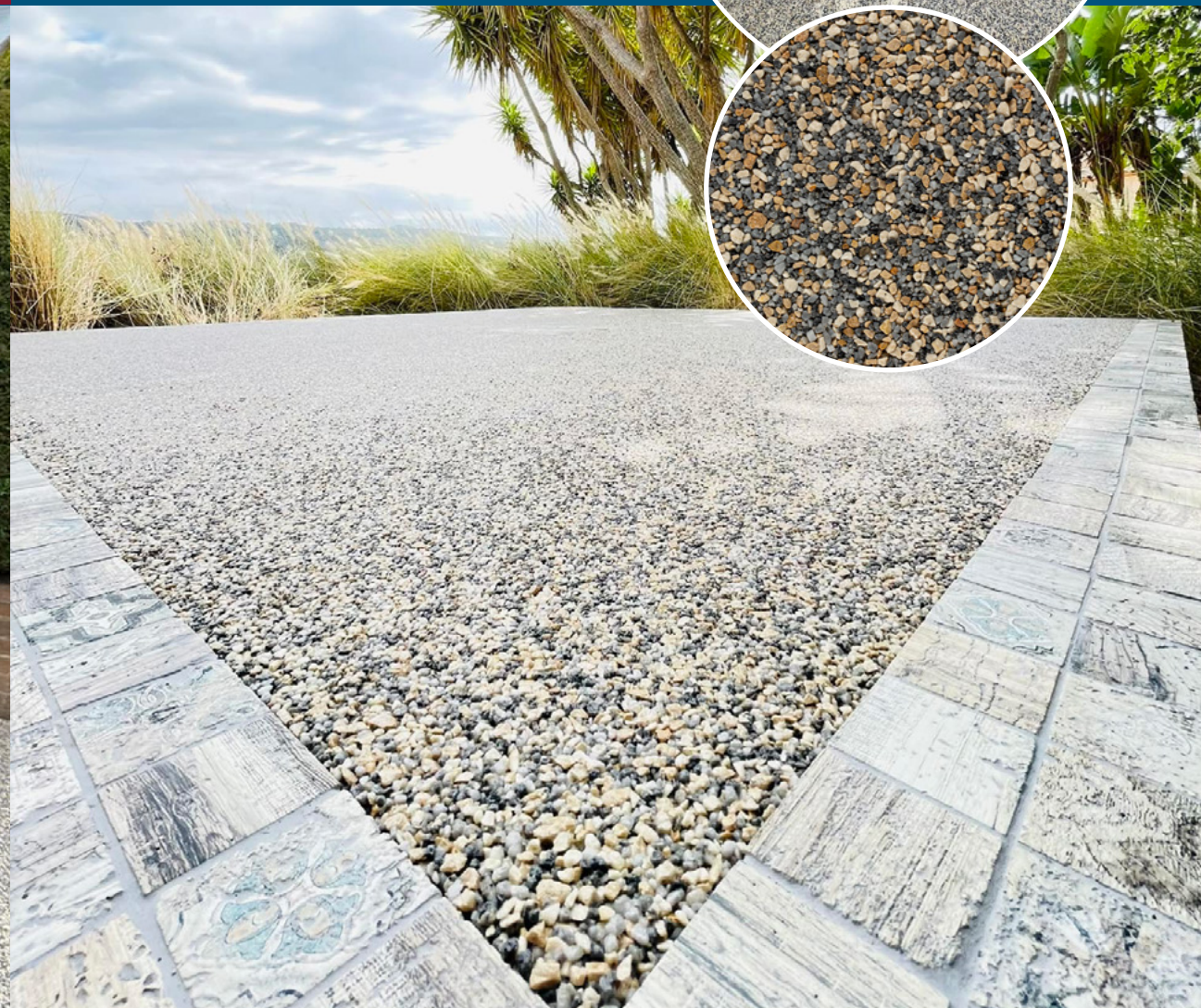
Lake Garda

Made up of 4 different marbles, Lake Garda is a warm blend, guaranteed to bring a Mediterranean feel to your driveway or outdoor living space.

SKU: LAK-GAR



Get Inspired!
See this blend in use
on our Pinterest



Aftercare

Immediate Aftercare

Curing time

Do not walk on your new Resin Bound surface for 24-48 hours, and do not drive on resin for 48-72 hours after installation. These times are temperature dependent and we would recommend you always follow the installer's advice for exact timings.

No leaks/drips

Ensure there are no leaks/drips on the curing resin because excess moisture will significantly weaken and discolour Resin Bound surfaces during the curing period. Continuous drips/leaks cause erosion in the long term, and will degrade the surface.

Footprints

Ensure pesky people or animals cannot walk on the Resin Bound surface. Footprints cannot be removed! Devices can be used to deter animals, and we would recommend to place tape/barriers around the perimeter.



5 Most Important Points to Remember

Static wheel/small turning circles

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Cleaning Advice

Cleaning Practices

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Oil, Dirt & Detritus

Oil can penetrate readily into hard surfacing materials (particularly lubricating or fuel oil), but it should not stain if any spillages are removed promptly with an absorbent material. If the stain persists then an emulsifying degreaser should be employed.

Prolonged contact with any solvents should be avoided, contact Vuba for advice if you cannot remove the stain.

Weeds, Moss & Lichen

There ought to be a permeable membrane beneath the base; preventing weed growth from beneath the surface. Absence of a membrane will result in weeds coming through the Resin Bound - the resin surface will not be able to prevent this. It is also possible for weeds to grow in the surface of Resin Bound but it can be easily jet washed away.

Organic growth such as Moss, Lichen and Algae can be prevalent on hard surfacing where the area is heavily shaded or is under trees. If such growths do occur, then the area should be treated with the appropriate treatment according to manufacturers' instructions.



Fruit, Berries and Leaves

Fruit and leaves can stain all types of paving surface and care should be taken to clean these away from any resin surface before they can begin to leach on to the Resin Bound.

For soiled areas, a recommendation is to use a mix of liquid Sodium Hypochlorite (NaClO), obtained from swimming pool maintenance suppliers and a non-oxidising shampoo (E.g. Baby Shampoo).

Dilute 1.5 litres of Sodium Hypochlorite with 4.5 litres of water and add 100ml of baby shampoo. If possible, the mixture should be applied via a pump spray and the whole area treated, not just individual spots.

Pre-wet the whole area with clean water and spray the cleaning fluid over the surface. Gently scrub the area with a stiff bristle brush. After 15 minutes, wash the surface down with clean water making sure that the residue does not run onto any vegetation.

Rusting & Tyre Marks

Rust can occur from two sources. Typically, rusting is caused by leaching from BBQ's, flower baskets, and other metal garden items. Care should be taken to ensure these do not leach on to the resin surface.

Naturally occurring aggregates in Resin Bound can contain pyrite, which upon exposure to rain, dew, etc. can begin to rust. Unfortunately this is an aspect of Resin Bound surfacing which although very rare, can happen naturally.

Either cause of rusting can be cleaned using Non-Acidic Rust Stain Remover. Please follow manufacturer instructions for more information.

Tyre Marks can normally be removed by steam cleaning, or by scrubbing the area with detergent and hot water.



Thank you for using Vuba's materials for your new Resin Bound surface, we hope you have found this document useful. If you have any questions about your recent installation or any remedial work, please speak to your installer.

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