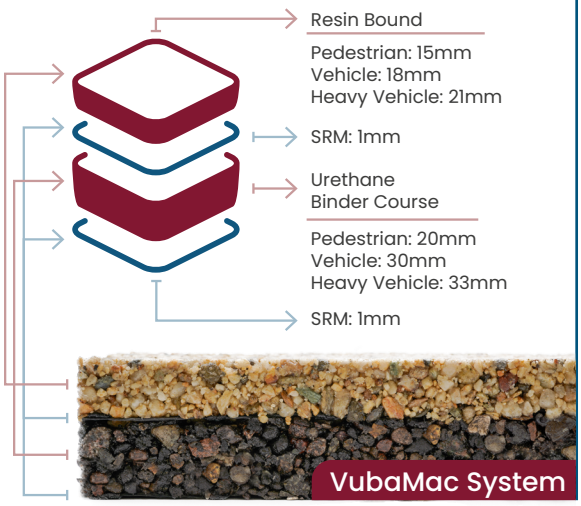
VubaMac
Urethane Binder Course
Technical Datasheet

VubaMac is a flexible and highly durable environmentally friendly base designed for resin bound surfacing. Unlike alternative bases which are not designed for resin bound, VubaMac will form a monolithic bond with the resin bound surface when applied within the advised intercoat period; creating the first ever fully functional resin bound surface. The complete VubaMac system (including resin bound surface course) is to be installed at 36mm for Pedestrian Traffic and 50mm for Vehicular Traffic.

What is VubaMac?



PROPERTIES	
Type of Resin	Polyurethane Resin
Coverage Rate	Pedestrian: 3.4 m^2 Vehicle Traffic: 2.3m^2 Heavy Vehicle Traffic: 2 m^2
Type of Aggregate	Standard recycled aggregate
Fire Rating	BFL-s1
Overlay Time	1-2 hours
Full Cure	7 Days
Processing temperature	5°C - 30°C

What is in a kit?

4.5kg VubaMac Resin | 5kg Binding Quartz | 4x Bags Recycled Aggregates | SRM Roll

57% Higher Flexural STRENGTH than Asphalt

Benefits

Vehicle Traffic
Suitable to take vehicle weights and trafficked areas.

1 Day Application
Save time by being able to install your base and surface course in the same day.

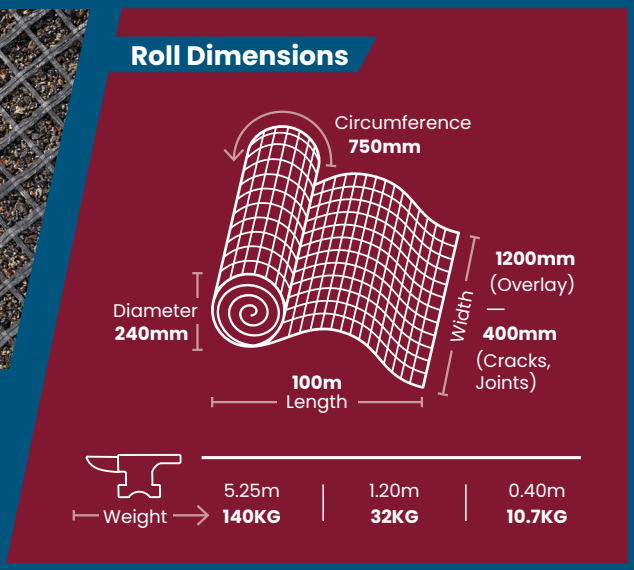
No Dig
SUDS Compliant with no requirement for tarmac or concrete.

Long Term Flexural Resistance
High flexural strength and durability.

Green Recylced
components to be environmentally friendly.

Urethane Binder Course

- A monolithically bonded polyurethane system.
- High Strength Aggregate - a specially selected, recycled, hard wearing aggregate to provide the structure for your PU Binder Course.
- NON UV Polyurethane Resin - An aromatic resin designed to provide increased durability and strength to the binder course.
- Binding Quartz - A multi sized strengthening quartz.



SRM Layers

The SRM is a Structural Reinforcement Mesh that makes up 2 layers of the VubaMac Urethane Binder Course. Adding a high strength resistance and support structure to the base.

Structural Reinforcement Mesh

- Made from Recyclable Plastic
- High Tenacity Polyester Yarns
- UV Resistant Finished Coating
- >50kN Strength Resistance

Strength Resistance MD	EN ISO 10319	Kn/m	>=50	
Elongation at max load MD	EN ISO 10319	%	12	+/-2.5
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Elongation at max load CMD	EN ISO 10319	%	12	+/-2.5
Tensile strength MD at 2% of elongation	EN ISO 10319	Kn/m	12	+/-10%
Tensile strength MD at 5% of elongation	EN ISO 10319	Kn/m	18	+/-10%

Application Advice & Suitable Substrates

Please take a look at our VubaMac Base Build Up for reference of depths and sub base and our VubaMac Method Statement for application Instructions.

Colours

The surface colour is determined by the aggregate used within the mix. Please see the 'Vuba Resin Bound Surfacing' Brochure for more information on available top surface colours.

Curing Times

The curing time is determined by the inclusion of Dibutyltin Dilaurate Catalyst. Please see the 'Vuba Catalyst and Accelerex' Technical Datasheet for more information.

Health and Safety

- Part A (Resin) is not classified as a dangerous substance; however, the wearing of goggles is to be recommended.
- Non UV Part B (Hardener) contains a non-volatile isocyanate.

Avoid prolonged contact with skin. In cases of contact with eyes, flush out with excess water and seek medical attention. Wear goggles.

Additional Precautions

1. Use industrial safety gloves.
2. Use suitable eye protection.
3. Before use, ensure that you read the relevant Health and Safety Data Sheets for this product.

The company will supply, upon request, individual advice in writing in connection with the use and application of its products in all appropriate cases. Customers are urged to make use of this service. This leaflet is provided for general guidance only. All recommendations and suggestions are made in good faith but without guarantee and are subject to the company's terms and conditions.