VubaMac
Urethane Binder Course
Technical Datasheet

VubaMac

VubaMac is a flexible, durable, and environmentally friendly base for resin bound surfacing. It forms a monolithic bond with the resin bound surface when applied within the recommended inter coat period.

Urethane Binder Course

- Use industrial gloves and suitable eye protection.
- High Strength Aggregate - a specially selected, waste, hard wearing aggregate to provide the structure for your PU Binder Course.
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- Binding Quartz - A multi sized strengthening quartz.

Application & Curing

Depths and Substrate:

Refer to VubaMac Application guidelines.

Curing Times:

Foot traffic within 2-4 hours. This allows the Vuba Surface to be laid within the same day as installed Vuba Mac.

Full cure within 7 days.

Storage

Vuba Mac can be stored for up to one year from purchase.

Certification

Technical Data

PROPERTIES	
Type of Resin	Polyurethane Resin
Coverage Rate	Heavy Vehicle Traffic 35mm - 2.15m² Vehicle Traffic 30mm - 2.6m² Patios and Paths: 15mm - 5m²
Type of Aggregate	6-10mm Recycled Aggregate and 1-5mm Recycled Aggregate
Fire Rating	BFL-s1
Overlay Time	2-4 hours
Full Cure	7 Days
Processing temperature	5°C - 30°C
Pot Life	20-40 Minutes (This will change with temperature)

What is in a Kit?

- 4.5kg VubaMac Resin
- 1 x 12.5kg MacMix
- 4x Bags of Recycled Aggregates
- SRM Roll

57% Higher Flexural STRENGTH than Asphalt

Benefits

High Strength Aggregate
Hard-wearing, recycled material.

Non-UV Polyurethane Resin:
Enhanced durability and strength.

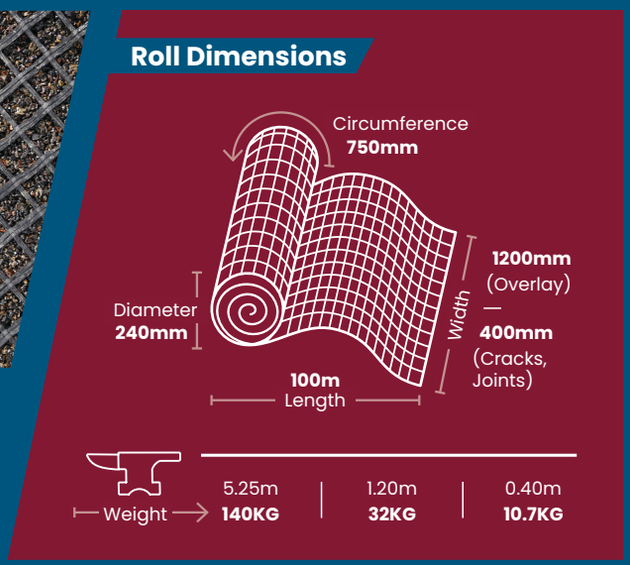
SUDS Compliant:
No need for tarmac or concrete.

Quick Application:
Base and surface can be installed in one day.

Environmentally Friendly:
Made with recycled components.

No Wastage
Any excess material ordered can be stored for up to one year and used on your next project.





SRM Layers

The SRM is a Structural Reinforcement Mesh that makes up part 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%

Health & Safety

- Use industrial gloves and suitable eye protection.
- Part A (Resin) is not classified as a dangerous substance; however, the wearing of goggles is to be recommended.
- Avoid prolonged skin contact with Part B (Hardener); flush eyes with water in case of contact.
- Refer to relevant Health and Safety Data Sheets before use.

Vuba 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.

