

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.

Technical Data

PROPERTIES

Type of Resin Polyurethane Resin

Coverage Rate Pedestrian: 3.4 m²
Vehicle Traffic: 2.3m²
Commercial: 2m²

Type of Aggregate 6-10mm 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)

57% Higher Flexural **STRENGTH** than Asphalt

Benefits



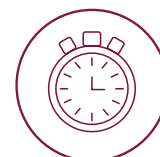
High Strength Aggregate
Hard-wearing, recycled material.



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.

What is in a Kit?



4kg VubaMac Resin



4x Bags of Recycled Aggregates



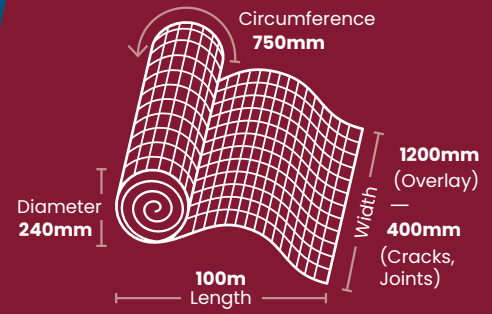
SRM Roll

Certification





Roll Dimensions



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.

	5.25m	1.20m	0.40m
Weight →	140KG	32KG	10.7KG

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.

