

VubaMac Base Build Up

Vehicle Traffic



Vehicle Load Bearing Environmentally Friendly “Reduced Dig” Base, Formulated and Patented to Create a Highly Strong Monolithic Resin Surface.

Our VubaMac system comprises four distinct layers, engineered to create an environmentally friendly, “Reduced Dig” base suitable for vehicle traffic. This innovative solution incorporates Vuba’s SRM (Structural Reinforcement Mesh), VubaMac Resin combined with recycled aggregate, topped with a traditional Vuba Resin Bound Surfacing layer as the final finish. Unlike conventional methods that rely on asphalt or concrete, VubaMac enables Resin Bound Surfacing to be installed directly onto an MOT Type 3 base. Additionally, VubaMac is fully SUDS-compliant and perfectly suited for Tree Root Protection Areas, making it a sustainable and versatile choice.



1. Vuba Surface 18mm minimum depth in one of the BBA Approved Vuba Blends with binding quartz.

2. SRM Mid-Layer The SRM spreads the load and allows fast overlayment, as well as providing a structural skeleton to the system. Roll the mesh out over the VubaMac while wet, and set it in place.



3. VubaMac 30mm This is the base course layer over the capping layer. The VubaMac can be spread over the surface using a lute, and can be compacted with a roller, trowel or power trowel.

4. SRM Base-Layer This provides structural support and load bearing capacity to the entire system.

5. Capping Layer This is a 25mm layer of 5-10mm angular stone, well compacted on to the existing sub-base.

6. No Fines Stone / Clean Stone / MOT Type 3 To be installed at 125mm as standard and up to 225mm if there are concerns about permeability of the sub soil. Stone to be from 20mm up to 50mm in size.

7. Geotextile Membrane A Geotextile Membrane ought to be installed from the farthest edge of the perimeter throughout the project, it is of high importance. Ensure to correctly specify the grade of material.

8. Sub-Soil It is important to determine the type of sub soil, as this will influence the specification of the sub-base and/or ground drainage requirements.



Find out more **from our technical team:**

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