

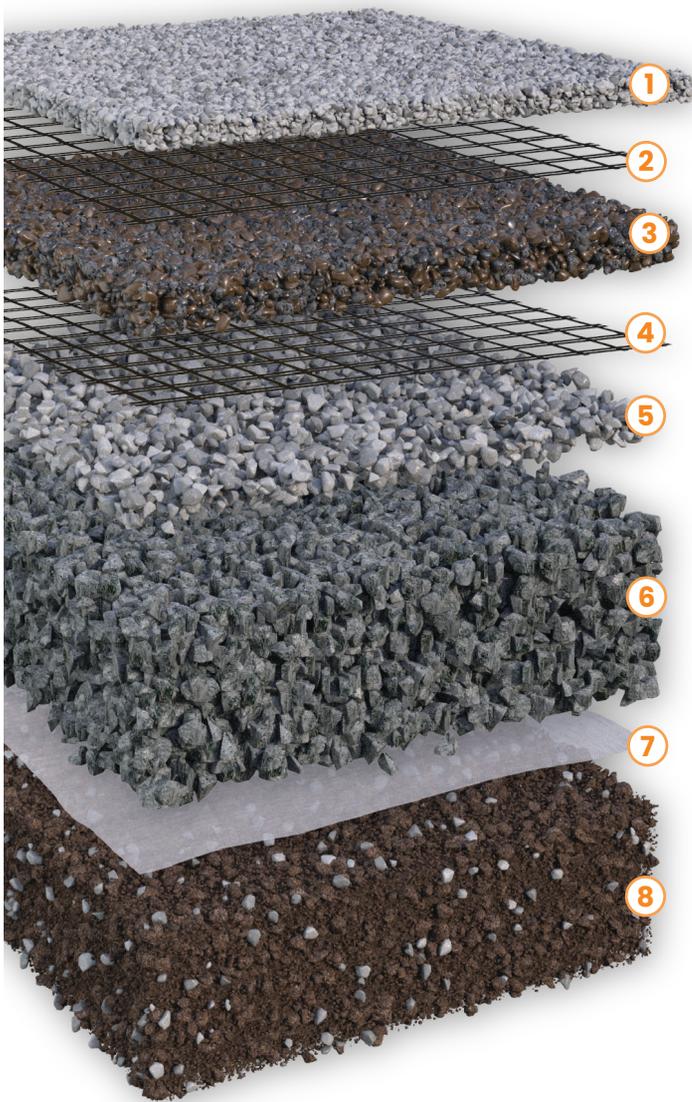
# VubaMac Base Build Up

## Heavy Vehicle



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

VubaMac for Heavy Vehicle Traffic consists of four carefully designed layers, providing an environmentally friendly “Reduced Dig” base suitable for both vehicular and pedestrian use. This system integrates Vuba’s SRM (Structural Reinforcement Mesh) and VubaMac Resin mixed with recycled aggregate, topped with a traditional Vuba Resin Bound Surfacing as the finishing layer. By enabling Resin Bound Surfacing to be applied directly onto an MOT Type 3 base, VubaMac eliminates the need for conventional materials like asphalt or concrete. Fully SUDS-compliant and ideal for Tree Root Protection Areas, VubaMac offers a sustainable and versatile solution for commercial applications.



**1. Vuba Surface** 20mm 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 35mm** 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.



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