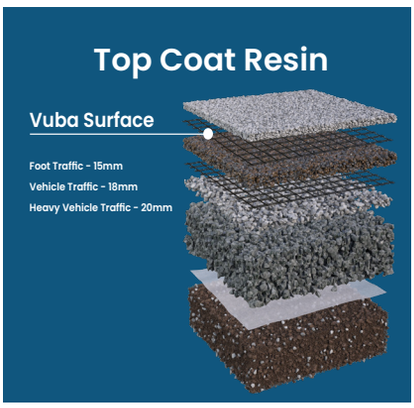
Vuba Surface: Application Guide

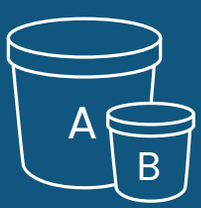
Top Coat Resin

Product Overview:

Moisture tolerant resin binder for use in conditions of high relative ambient humidity. Vuba Resin Binder MT is a two component aliphatic (UV Resistant) polyurethane resin for use as a stone and rubber binder. It's main feature being highly hydrophobic; capable of repelling moisture. Also, being highly over-indexed, thermo-setting resin. Whilst maintaing permeability and being SuDS compliant.



Components:



7.25/7.5kg Standard Resin



3 x 25kg Aggregate (2-5mm)
+
1 x 25kg Aggregate (1-3mm)



5kg Binding Quartz

See Base Build Up Sheet for more Information.

Tools Required:



Forced Action Mixer



Paddle mixer/Whisk



Wheelbarrow or Buckets



Trowel



Spazzle/Rake/ Spreader



Power Trowel

Sub-Base Requirements:

Permeable Installation

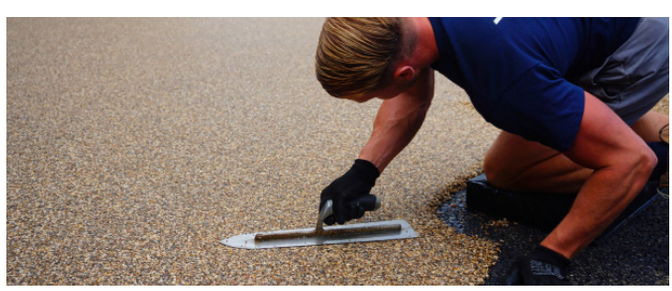
1. Sub-Base Composition:

- A depth of 125- 225mm compacted MOT Type 3 aggregate. Depth would be decided depending on Sub Soil composition.
- Laid on a non-woven geotextile membrane to separate the sub-base and sub-soil.

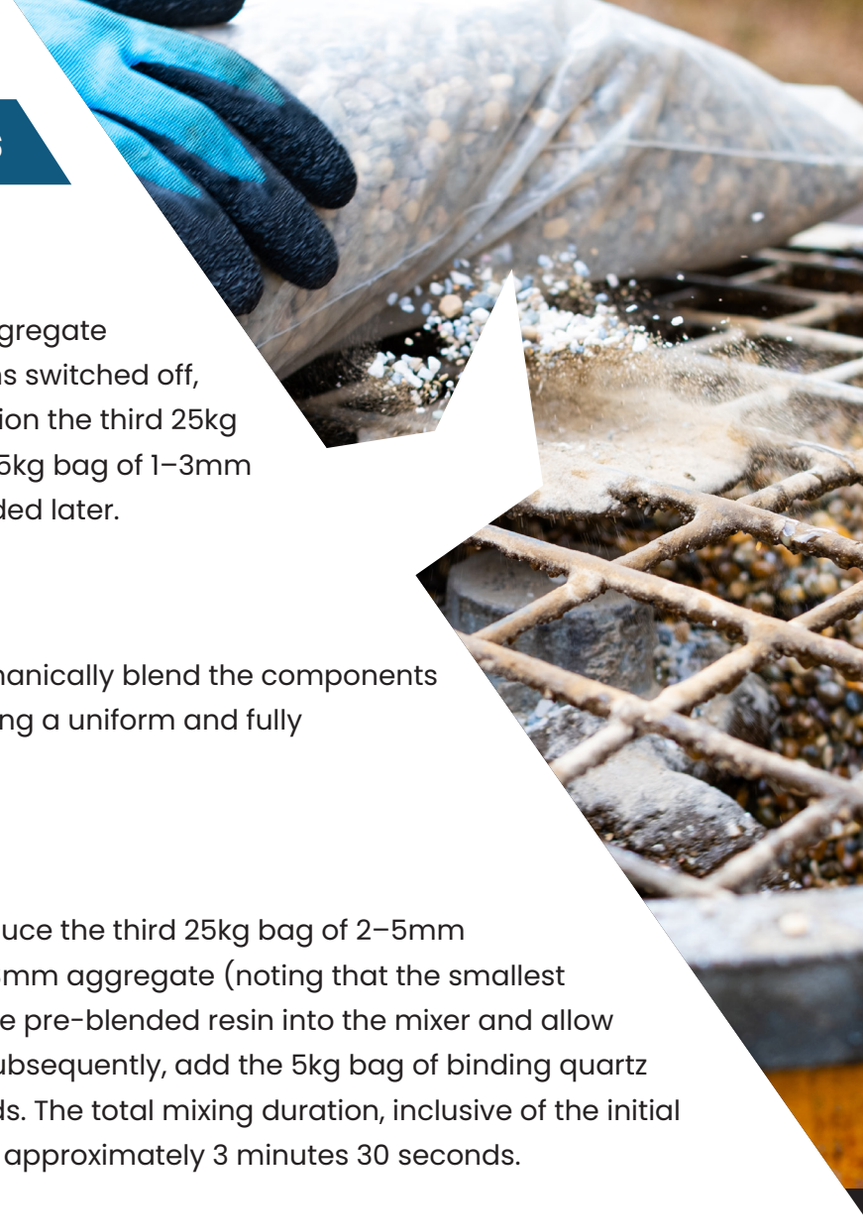
2. Capping Layer:

- Use a 5-10mm clean aggregate as a capping layer for stability and uniform levels.





Installation Instructions



Step 1: Aggregate Loading

- Place the first two 25kg bags of 2–5mm aggregate into the forced-action mixer while it remains switched off, and allow them to sit inside the drum. Position the third 25kg bag of 2–5mm aggregate and the single 25kg bag of 1–3mm aggregate on the mixer lid, ready to be added later.

Step 2: Resin Blending

- Pour Resin Part B into Resin Part A and mechanically blend the components using a paddle mixer for 90 seconds, ensuring a uniform and fully homogeneous mixture is achieved.

Step 3: Final Mixing

- Activate the forced-action mixer and introduce the third 25kg bag of 2–5mm aggregate, followed by the 25kg ba g of 1–3mm aggregate (noting that the smallest aggregate is always added last). Decant the pre-blended resin into the mixer and allow the materials to combine for 30 seconds. Subsequently, add the 5kg bag of binding quartz and continue mixing for a further 90 seconds. The total mixing duration, inclusive of the initial Part A and Part B resin blending, equates to approximately 3 minutes 30 seconds.

Step 4: Mix Discharge

- Discharge the mix by opening the hatch at the base of the mixer into a plastic-lined wheelbarrow, ready for application across the project area. If the initial discharge appears dry during the first batch, close the hatch and return the partially mixed aggregate to the mixer drum. Extend the mixing cycle by an additional 30 seconds and ensure this extended duration is maintained consistently for all subsequent mixes throughout the project.



Step 5: Spreading of Material

- Once the mixer has been discharged, use a spazzle or sledge to distribute the resin-bound material to the required depth. The spazzle/sledge should initially be set 3–5mm above the specified finished depth, allowing for subsequent compaction during trowelling to achieve the correct final level.

Vuba Laboratory
Vuba House
Suite 1 Annie Reed Road
Beverley, HU17 0LF