THERESINBULL®
PROFESSIONAL RESIN TOOLS

MESHANDGO

INSTALLATION GUIDELINES FOR NEW BASE BUILD UP

Technical Data

- Triple woven fibreglass arrangement, stitched together with overlap feature of 150mm
- 1.8 metres wide x 3mm thick x 50m roll.
- 90 square metres per roll
- Packed roll dimensions 2 metres x 35cm diameter
- Dry weight 90kg
- Tensile strength 200kN

Specification

1. Anti slip glass beading
2. Resin bound stone surface minimum depth 18mm pedestrian traffic 25mm vehicular traffic.
3. Triple layered fiberglass reinforcement arrangement 3mm overall depth creating an overall resin bound depth of 21mm pedestrian use 28mm vehicular.
4. Levelling course consisting of 6mm down granite fines to a minimum layer of 10mm.
5. Type 3 MOT hardcore to a minimum depth of 100mm depth for pedestrian use and 150mm vehicular use subject to ground conditions.
6. BULLBASE biaxial reinforcement mesh.
7. Sub grade.

Installation Guidelines for new base build up

- Excavation should be made to required depth. Additional excavation may be required to find good ground. Areas that contain excessive flooding or unstable ground should be avoided.
- Provisions to avoid damage from tree routes and other plant life should be provide if necessary.
- BULLBASE should be pulled taught and overlapped by a minimum overlap of 300mm. Fixing pins may be necessary to hold the

material in place to cover all areas. An additional layer of **BULL**BASE is required for each additional 100mm layer of MOT required.

- MOT type 3 must be used that is free draining and provides excellent compactable material. MOT subbase must be compacted in individual layers of no more than 50mm per compaction process. Compaction must be made by way of using vibratory compaction using machinery no less than 90kg with a centrifugal force no less than 16 kn. Compaction must be made until the subbase is completely free of movement. The subbase must not be excessively holding water during the compaction process.
- An even and level layer of granite fines must be levelled and compacted over the MOT subbase to an approximate depth of 10mm. The material must a mixture of 6mm stone decreasing in size that provide good compaction properties as well as permeability.
- Sufficient edging of the area must be provided that give adequate haunching. Care must be taken that the edging is of a suitable depth and is held in place securely using suitable bonding material commonly concrete.
- MESH**AND**GO should cover the entire surface area for the intended resin bound surface to be applied onto. Coverage should be made by way of unrolling the material. Cutting of the material can be done by using a sharp knife or suitable utility tool. The material should be pulled tightly and held down if necessary by using fixing pins. The MESH**AND**GO material must be fully overlapped no less than 150mm.
- Aluminium trims must be bedded onto suitable adhesive or chemical fixing.
- Weather conditions must be dry and within temperature ranges of 10 degrees C to 30 degrees C, during the installation process. Use of the material in damp or wet conditions can reduce the bond between the resin bound stone and the mesh material.
- The resin bound stone must be applied using sufficient compaction to ensure a strong bond to the mesh arrangement. Always refer to resin bound stone manufactures guidelines when installing the product using our system.
- Resin bound stone systems containing less than 7.5kg of binding material per 100kg of aggregate must not be used.
- DIY pour on resin binders must not be used with this system.
- Only persons fully experienced in the installation of resin bound stone should use this system. Failure to undertake guidelines can result in the failure of the resin bound stone surface.

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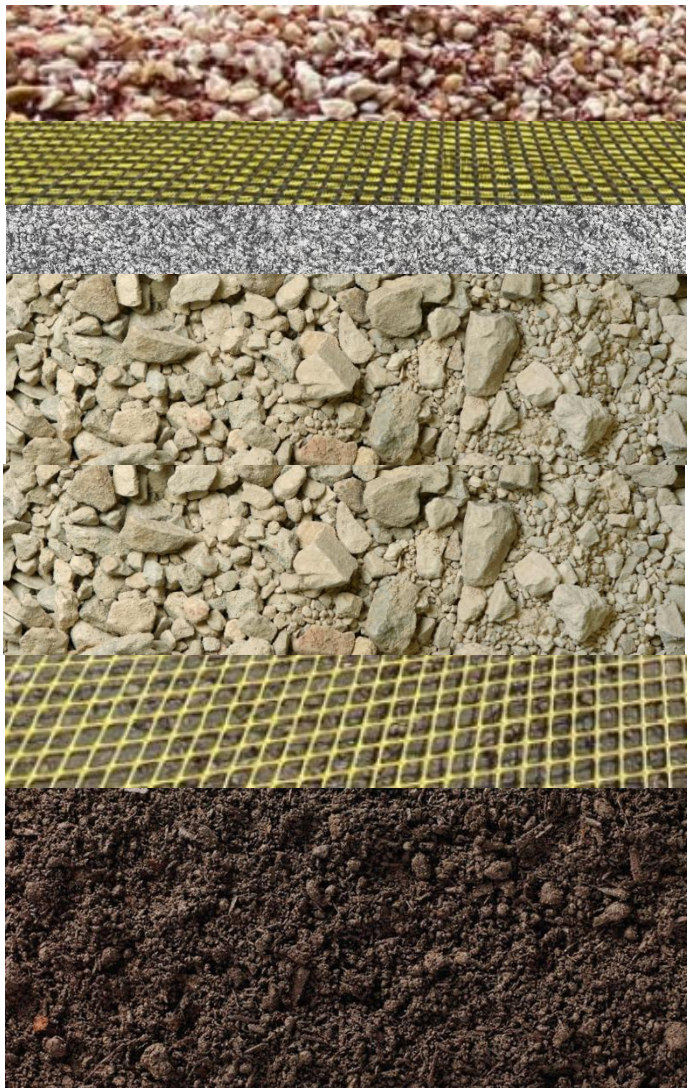
PEDESTRIAN & LIGHT VEHICULAR USE



18mm Pedestrian or 25mm Vehicular Resin Bound Stone

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10mm of Granite Fines

100mm Type 3 MOT Pedestrian use or 150mm for Light Vehicular use

BULLBASE

Excavated Soil Base