



Ground Stabilisation Traction System



Harpers Hill
Moreton Island 2011

Tough, effective, reliable!

The TrackPad is primarily a modular roadway system that supports vehicular traffic in difficult to access, easily damaged, fragile terrain. Other applications are limited only by your imagination.

System Purpose

TrackPad's primary purpose is to provide vehicle access whilst protecting the natural environment.

TrackPad Assembly and Installation

TrackPad can be primarily pre-assembled in factory for rapid on-site installation. Once positioned, it is virtually out of sight and immediately operational. It is designed around current WPH&S manual handling requirements, allowing for significant reduction in machinery costs.

Ground Stabilisation

This innovative product promotes root growth and minimises erosion whilst creating an interlinked matrix of panels able to support everything from small vehicles to heavily laden trucks and buses.

Manufacture

The panels are manufactured from a blend of virgin and recycled, tough UV-stabilised, non-corroding polyethylene by the roto-moulding process.

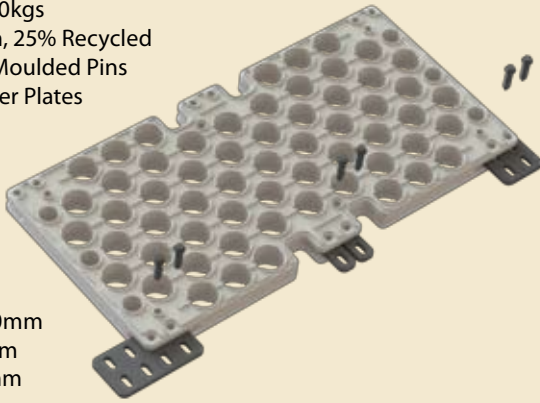
Panels, connector plates and the locking pins are all plastic, insuring a corrosion-free system.

The panels are hollow-moulded, structured modules, produced using the roto-moulding process.

FEATURES OF TRACKPAD

Heavy-duty TrackPad

1. Weight - 30kgs
2. 75% Virgin, 25% Recycled
3. Injection Moulded Pins
4. HDPE Joiner Plates



Dimensions

Length: 1650mm
Width: 817mm
Depth: 103mm

Design Features

1. The design incorporates a large number of holes penetrating the panels linking the top and bottom surfaces.
2. These holes are orientated in such a way as to create a grid pattern on the surface to deliver a substantial structural load bearing ability as well as allowing the vehicle tyre to engage the panel's surface.
3. The holes allow rainfall to soak through them over the majority of the surface. As rainfall exceeds absorption and begins to flow on the surface, the holes in the panels function as multiple silt and water traps, limiting erosion. The holes also trap the sand or soil material together, creating significant structural strength

as well as encouraging plant root growth in and around the panel, further stabilising the system.

4. The panel surface has grip lugs incorporated for better traction and to trap and retain some level of soil material on the track surface. This significant feature allows for the panels to be camouflaged by the natural ground material.
5. The slots in the linking plates allow for the creation of curved radiuses. Up to 15 degrees change in angle is possible in the horizontal plain at each panel's connection point. These two features allow for high degree of flexibility in road alignment.
6. Two different specifications are on offer, extreme heavy-duty applications and standard applications. Consult Gough Plastics for recommendation on the appropriate specification level for the application.

Installation

Once the site is levelled, simply lay the panels into position by hand and interconnect using the locking pins and linking plates. The product is designed to integrate into the base material in which the panels are installed. The surface of the track is to be excavated to approximately 100mm. The panels are then simply laid into this area and then backfilled with the fill material. This locks the entire matrix into position and is ready for use.



Caring for the planet
and its people with a passion

For more information about this great product:

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