

TrakMat® Systems

1.0 General Information of the TrakMat®

- Light weighted mats for tyred or rubber tracked vehicles up to 30 tonnes in weight. (Depending on sub-surface)
- Suitable footwear must be worn at all times.
- Easy to handle with hand cut-outs. (one man handle)
- Water resistant and will not rot.
- Not affected by oil, gas or other chemicals.
- Flexible so don't break and have connector holes for a range of options.
- Grip/surface profiles are designed to dispel mud whilst vehicles traverse and still give non-slip traction to vehicle.
- These panels can also be used in the landscaping, grave digging, sports facilities, flat roofing, events and amenities markets.
- All mats are made from HD Polyethylene with a UV inhibitor so that they do not become brittle with age.
- The green mats absorb less than 10% of the suns energy and therefore do not heat up and damage grass like many cheaper alternatives. Black TrakMat® can get hot enough to wilt grass, so colour is an important factor.
- **TrakMat® is a registered trade mark of SVE Portable Roadway Systems Inc.** Marwood Group Ltd is the only authorised distributor in the United Kingdom.

2.0 Types of TrakMat®

Sales TrakMat® (Black)		
Type	Dimension (mm)	Weight (kg)
TM4496	2440x1130x13	35
TM3696	2440x915x13	27
TM2296	2440x560x13	18
TM3672	1830x915x13	23
TM2248	1120x560x13	18

Hire TrakMat® (Green)		
Type	Dimension (mm)	Weight (kg)
TM4496 Double sided	2440x1130x13	35
TM4496 Single sided	2440x1130x13	35

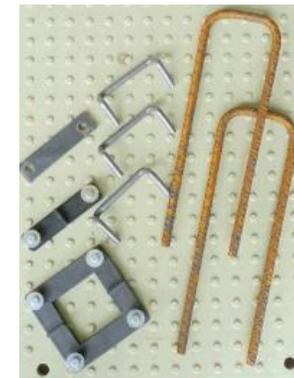
Single sided mats are used to drive over pavements, asphalt driveways, tile floors and to work on flat roofs (smooth side down). They work very well as 'dirt boards' (smooth side up). They do not work well as a traction mat on hills and slopes as smooth side has no traction. The smooth side is slippery for pedestrian when wet.

Double sided mats have traction on both sides; tire to mat & mat to ground.

3.0 Type of TrakMat® Connectors

TrakMat® can be used alone or with a range of different connectors to deal with differing ground conditions and vehicles:-

- Heavy duty cable ties which can just be cut off at the end of the job
- Steel ASC connectors are reusable and very quick to fit or remove.
- Steel Staples for use on slopes.
- 2 way HDU connectors.
- 4 way HDU connectors.
- Steel plates.



4.0 TrakMat® usage

- TrakMats® are market leading plastic temporary road product in the USA, Japan and Britain.
- They are used in all the best places such as Henley Royal Regatta, Trent Bridge Cricket Club and even in the mud at Glastonbury Festival.

- TrakMats® are also used in cemeteries using the double sided mats to move mini diggers around; single sided as “Dirt Boards” and either pinned down to cover empty graves for safety.

5.0 Safety Instructions of the TrakMat®

- A risk assessment must also be carried out before any installation.
- Correct manual handling techniques should be used at all times.
- PPE (safety gloves and boots) must be worn prior to the start of laying mats.
- The contractor or owner is responsible for pre-planning against what can happen and prepare for it.
- Before any usage, a land and weather condition survey must be carried out in that particular region.
- The land survey must include an in-depth research consisting of any underground utilities such as gas pipes, water pipes and electrical cables. The utilities must be more than 1 metre below ground level to prevent any damage when securing the mats with u-steel straps.
- If a lawn or grassed area has been recently fertilised, heat can built up under any coloured mats from a chemical reaction. There must be a mat rotation to prevent heat damage or chemical reaction taking place on the grassed area.
- Mats stiffen in cold weather, but do not become brittle. If they start to shrink or contract, just lay them on a flat surface in the sun they will flatten out.
- High winds can produce extreme wind blurs that can lift a flat panel, or panels connected together. The user/owner must take appropriate action to remove or secure the TrakMat® to the ground to avoid potential high wind issues. **Also note, weather condition is unpredictable especially during the night with little or no warning. Always check weather forecast.**
- Spinning wheels will result in damage to the TrakMat®. Careful driving and movement is required on the mats at all times.

6.0 TrakMat® Installation

6.1 Using the 2 way HDU connector



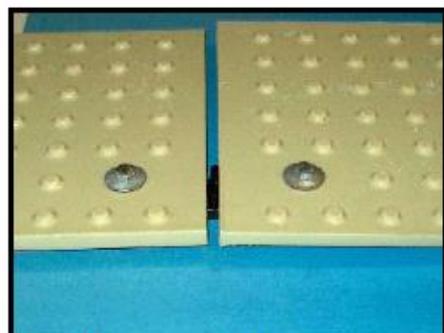
Step 1: Each connector set includes;
1 — 2 Nut Single Connector Plate
2 — Flat washers & 2 — Bolts



Step 2: Slide Connector Plate with imbedded nuts up through connector hole in mat.



Step 3: Place bolt with flat washer into fixture with imbedded nut.



Step 4: Place second bolt and washer into fixture and Hand tighten bolt .
Hand Tighten only Do Not Use Tools.

No tools required

6.2 Using 4 way HDU connectors

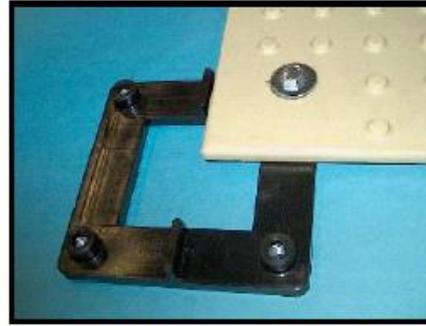
No tools required



Step 1: Each connector set includes;
1 — 4 Nut Single Connector Plate
4 — Flat washers & 4 — Bolts



Step 3: Slide second mat on to fixture and install bolt.
Hand Tighten only Do Not Use Tools



Step 2: Install one corner sliding fixture under mat. Place bolt with washer into fixture
Hand Tighten only Do Not Use Tools

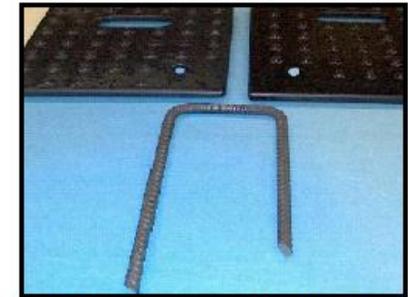


Step 4: Complete installation of remaining mats following same procedure as Step 3.
Hand Tighten only Do Not Use Tools

6.3 U shaped steel staple



Step 1: 1 — U shaped ground stake.



Step 2: Line up stake with holes in mats.



Step 3: Place stake through holes and pound into soil using Sledge Hammer.

Sledge hammer required as tool

7.0 Maintenance of the TrakMat®

- All mats must be checked for cracks, wear, distortion or discoloration or any chemical reaction found underneath of the mats. They must be removed and Marwood Group must be informed.
- Jet washed if any muck or mud found on mats.

This equipment must not be modified.