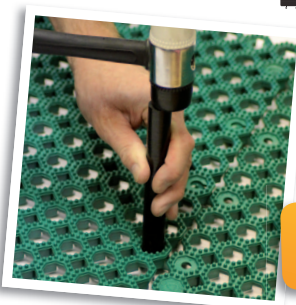# GrassLok™

Installation Guidelines

Pre-Installation:

✔ It is recommended that GrassLok™ is installed on grassed areas with reasonably level ground with our TechMesh Lite underlay to stabilise and prevent the mats from sinking.

✔ If the site survey identifies pot holes or undulations within the area, they should be filled with topsoil or sharp sand and then should be compacted with a roller. Grass seed should also be sown in sections of the installation if required.

✔ Pay attention to base posts/legs of equipment, filling in undulations as above.

✔ Measure and check the area for Critical Fall Heights. Mark out the area to be covered.
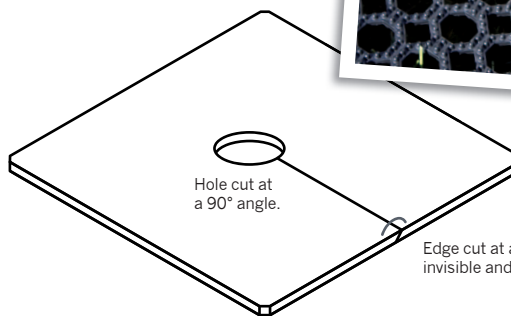
Installation Instructions:

1. Lay Technix ground stabilising mesh (TechMesh) over the entire area. This will avoid the mats subsiding into the soil.

2. Lay GrassLok™ mats over the mesh. Interlock the lugs together. In winter weather conditions you made need a piece of timber or rigid plastic under the joint and then use a mallet and bush to connect the interlocking lugs.

3. Mats should be cut to fit around equipment and obstacles (see diagram on right).

4. Around the perimeter edge roll back the GrassLok™ mat. Starting from approximately 150mm in from the outer edge of the mats, use a spade or grass edge cutter to lift away the top turf at a 45 degree angle (keep neat to fold back over later). This will leave a wedge-shaped channel. Continue around the full perimeter.

5. Roll the GrassLok™ mat back down into the wedge-shaped channel.

6. Use pegs and secure and fix the mats to the ground. You should now have a ramped edge all the way around. Continue around the perimeter, trimming edges if required (see illustration below). Do not pin a male corner. Make sure only the female sides are pinned.

7. For additional ground fixing we recommend 3 pegs per tile, one in opposite corners and one in the middle creating a diagonal line. On well-established grass use more pegs as required to ensure the tile stays in position.

8. In extreme circumstances use adhesive to secure the interlocking lugs. If the grass is left to establish prior to use then the additional pegs should not be required

9. Re-lay the wedge of turf back into the recess (see illustration below).

10. Keep the area well-watered to ensure optimum grass growth. After just a few weeks, grass quickly grows through the mats making them virtually invisible as they blend with the natural environment.

Lift up soil/turf to knock pegs in

Turf folded back down to hide pegs

Ancillary Products

Product Code	Description	Size
4024	TechMesh Lite Rolls	30mx2m
4058	Nylon G/F Pegs	200mm
4057	Cable Ties	4.8x200mm
5008	Joining Tool	150mm
SEC1	Secateurs	-

Layout of GrassLok™

Start laying matting at the point indicated on drawing (A). Once you start this first tile, all other tiles must remain square to this tile. Install mats in the sequence shown in drawing (B and C) and cut edges (if required) as you lay.

Build up in a pyramid style. Keep any pieces of tile you cut as youmay be able to use the pieces on the other side of the matting.

DO NOT lay out GrassLok™ as shown in drawing (D). Following this layout will cause problems laying out the rest of the mat.

Cutting GrassLok™

When cutting around support poles, cut the tile at a 45° angle with a sharp utility knife. When cutting the hole for the equipment support posts, cut at a 90° angle.

Hole cut at a 90° angle.

Edge cut at a 45° angle so the joint is invisible and cable-tie back together
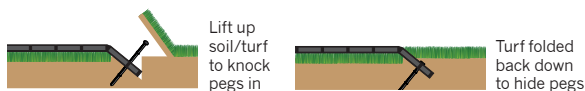
Laying GrassLok™ in Extreme Conditions

GrassLok™ is made of products that expand and contract depending upon the temperature. GrassLok™ installs best in temperatures above 10°C and below 30°C.

Because the product may be expanding and contracting during construction, cooling or heating measures may be required.

Store your GrassLok™ atiles in climate controlled conditions. It is important that all tiles are kept at the same ambient temperature while installing.

Always store and install your GrassLok™ under shade if the temperature is above 30°C. Laying tiles in temperatures above 30°C and not using shade could cause GrassLok™ to split in cold weather. Use cold water to cool the tiles down.

technix
rubber and plastics ltd

www.rubbersafetysurfacing.co.uk
t: +44 (0) 1489 789 944   f: +44 (0) 1489 798 866   e: sales@technix-rubber.com
Bottings Industrial Estate, Hillsons Road, Botley, Southampton, Hampshire, SO30 2DY UK.