



## Installation Guide

TURFPROTECTA mesh is an extruded polyethylene mesh which is tough, flexible and long lasting. Supplied on 6.56' wide x 98' long rolls and in two grades (Standard and Heavy). TURFPROTECTA mesh can be effectively employed over stable ground by simply unrolling and fixing adjacent and successive lengths.

After a suitable period of time, the grass will have grown through the mesh and reached a convenient height to be mown, where it can be rolled and fertilized as usual. When fully established, the area adopts a natural appearance with the grass plants intertwined with the mesh to provide a permanent protection against wear.

Installation is ideally carried out during the growing season to allow a strong interlock between the mesh and the sward. However, more growing time must be allowed if installed out of season.

### Installation Method

#### A. EXISTING GRASSED AREA

1. Cut the grass short and remove surface debris including excess grass clippings. Fill any depressions with a sandy top-soil, level and firm.
2. Unroll the TURFPROTECTA onto the prepared surface and fix one end using metal U-Pins or plastic pegs. While pulling the mesh taut pin approx every 3.28' down either side of the roll ensuring mesh lies flat to surface.
3. Lay adjacent rolls and overlap at 6" and repeat the fixing process.
4. Secure overlaps and all external edges every <3.28'. Use additional pins where any bridging or rippling of the rolls is evident. Approx 75-100 pins per roll will be required.
5. Brushing a dressing of good quality sandy topsoil over the mesh to cover the ribs and fill the apertures will help promote early root growth around the mesh and promote stability. Dressing by more than 3/8" is not recommended.
6. Apply a suitable grass seed dressing over areas which were previously bare of grass or which have received more than 3/8"

covering of sandy topsoil.

7. Pedestrians and traffic should be kept off the treated areas until the grass has become fully established over the mesh. This may take up to one growing season, depending on the time of year installed.
8. Mower blades should be set to cut fairly high for the first 2-3 cuts so that contact with the mesh is avoided. When the grass is established and the plants are entwined with the mesh, the grass can be cut normally.

#### B. NEWLY SOWN LANDSCAPED AREAS

1. The soil surface should be well consolidated, reasonably level and cleared of debris. Any existing depressions should be infilled with a mixture of sharp sand and top soil and thoroughly consolidated.
2. Prepare the surface as a lightly tilled and consolidated seed-bed.
3. Continue with points 2-8 as above.

### Notes:

■ Where weak and / or waterlogged ground conditions exist, these must be improved prior to placement of TURFPROTECTA. For occasional use by HGV's, a sub-base may be required.

■ Advice on suitability for specific applications is available from TYPAR Geosynthetics.

■ TURFPROTECTA can become slippery when wet (before the grass has had a chance to grow through). TYPAR Geosynthetics strongly recommend that all newly installed mesh is cordoned off and signage erected to advise of any potential slip hazards.

#### APPLICATIONS

Permanent, grassed paths • pedestrian areas • access routes and occasional use car parking



Mesh laid onto existing surface



Secured with U-pins



Topsoil brushed over surface



Grass grows within weeks



After a few months the grass will stabilize and can be used