

INTERMAS TURF REINFORCEMENT INSTALLATION ADVICE



Intermas turf reinforcement is a tough, flexible, long-lasting polymer grid, for permanently reinforcing grassed areas used by vehicles and pedestrians. Grass intertwines with and grows through the mesh, giving a natural appearance and providing protection against wear. The weight of vehicles and pedestrians is dispersed over the mesh, creating a more stable surface.

Applications include: Overspill car parks, Grassed access routes, Caravan parks, Lawns subject to heavy pedestrian use, Grass verges in urban and parkland areas, anti-ball plugging mesh in driving ranges and as a support beneath rubber play mats.

Turf Reinforcement Mesh	Polymer	Mesh Size	Colour	Weight g/m ²	Roll Width	Roll Length	Tensile Strength		Yield Point Elongation	
		(mm)			Width	Length	MD	TD	MD	TD
Standard 6323	HDPE	25x25	Green	450	2m	30m	3.4kN/m	3.4kN/m	>100%	>100%
Premium 6322	HDPE	25x25	Green	650	2m	30m	3.9kN/m	4.4kN/m	100%	50%

We recommend you lay the mesh as follows, for best results.

(A) INSTALLATION PROCEDURES FOR EXISTING GRASSED AREAS:

1. Spring is the ideal time for laying Turf protect because the grass will grow quickly through the mesh and the root mass will interlock with the mesh filaments.
2. Prepare the area by filling any depressions with soil and sand and cut the grass as short as possible. If the mesh is being laid over clay soil, we recommend that a suitable drainage system be installed to allow drainage of excess surface water.
3. Lay reinforcement mesh flat over the grass and fix the ends taut with metal U-pins or 3-pins. For wider areas, rolls should overlap by 150mm and be secured with the metal pins. Make sure mesh is tensioned whilst unrolling it. It may help to roll out the mesh in the opposite direction to the way it is wound onto the roll (convex direction).
4. To promote root growth around the mesh and increase stability, cover the area lightly with good quality, sandy topsoil and, if necessary, cover any bare areas with grass seed.
5. Grass should be fully established before using and mower blades should, initially, be set high (for the first 2 to 3 cuts).
6. Traffic and pedestrians should be kept off the area until the grass has become fully established with the mesh.

(B) INSTALLATION PROCEDURES FOR NEWLY SOWN AREAS

1. The ground surface should be reasonably level and cleared of debris and any local depressions should be in-filled with a mixture of sharp sand and topsoil.
2. Prepare the surface as a cultivated and well-firmed seedbed.

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