

1 GrassProtecta™ : Pinning Diagram

Scale : N.T.S.

**DESIGN NOTES:**

- Note 1: Where weak and / or waterlogged ground conditions exist, these must be improved prior to placement of GrassProtecta™. For occasional use by trucks, a sub-base may be required.
- Note 2: Fill any shallow depressions on the grassed surface with a 70:30 blend of sharp sand and good quality topsoil - level and firm. Seed may be applied at this stage or later to avoid disturbance while laying the mesh.
- Note 3: Use additional pins/pegs to secure any raised areas or where any bridging or ripping of the rolls is evident.
- Note 4: GrassProtecta™ can become slippery when wet (before the grass has had a chance to grow through). Polymer Group Inc., Inc. strongly recommend that all newly installed mesh is sealed off and signage erected to advise of any potential slip hazards.
- Note 5: Best results are obtained by not using the area until the grass has grown through the mesh apertures. This usually takes 4-8 weeks in the growing season. The area can be trafficked immediately, but grass will benefit from traffic restriction during establishment if practical to do so.
- Note 6: Advice on suitability for specific applications including the use of a geogrid layer is available from the Polymer Group Inc., Inc. technical team.

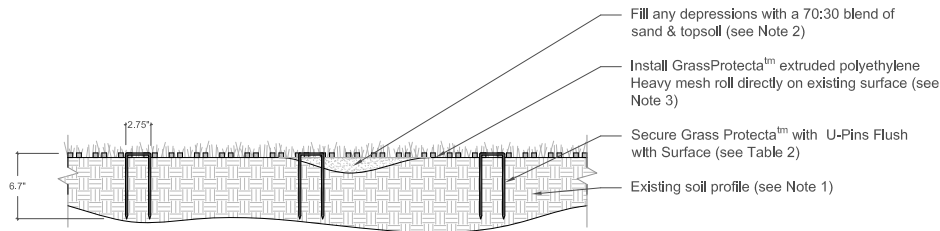
**Table 1 : Product Specifications**

Physical Characteristics	Standard 0.24 lbs/ft <sup>2</sup>		Heavy 0.41 lbs/ft <sup>2</sup>	
	Structure	Oscillated		Oscillated
Polymer	HDPE (80% Virgin, 20% Recycled)		HDPE (80% Virgin, 20% Recycled)	
Color	Green		Green	
UV Stabilized	Yes		Yes	
Nominal Dimensions				
Roll Width	6.6'	3.28'	6.6'	3.28'
Roll Length	65.6'	32.8'	65.6'	32.8'
Weight per Square Meter	0.24 lbs/ft <sup>2</sup>		0.41 lbs/ft <sup>2</sup>	
Thickness	0.45"		0.55"	
Mesh Aperture (Diamond Oval)	3:1 Ratio		3:1 Ratio	
Technical Characteristics				
Measurement	Method	Results		Results
Tensile Strength (MD)	ISO 10319	12 kN/m		16 kN/m
Yield Point Elongation (MD)		30%		35%
Residual Thickness @ 500 kPa	ASTM D1621	45%		60%
Slip Risk PTV Value	BS7976: 1-3	>40 (low slp)		>40 (low slp)
Applications				
Vehicle access routes, Overflow parking lots, Pedestrian and handicap access, Golf cart paths, Footpaths, RV/boat access, Light aircraft taxiways/parking, Slope stabilization and occasional truck access (determined by ground conditions)				

**Table 2 : GrassProtecta™ Pins & Pegs**

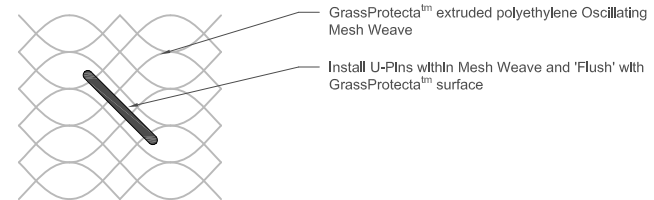
Product	U-Pin	Pegs - Black	Pegs - Yellow	Washers - Yellow
Material	Steel	Plastic	Plastic	Plastic
Size	6.7" x 2.75" x 0.23"	6" long	6" long	2.75 diameter
Outer	50 pack	100 pack	100 pack	100 pack

Please note that the information above is given as a guide only. All sizes and weights are nominal figures and may vary to what is published. Polymer Group Inc., Inc. cannot be liable for damage caused by incorrect installation of this product. Final determination of the suitability of any information or material for the use contemplated and the manner of its use is the sole responsibility of the user and the user must assume all risk and responsibility in connection therewith.



2 GrassProtecta™ : Typical Construction Profile

Scale : N.T.S.



3 GrassProtecta™ Fixing Pin : Proper Installation Diagram

Scale : N.T.S.