

GREENSCAPES™ GS-624

EROSION CONTROL BLANKET

DESCRIPTION

GREENSCAPES GS-624 is a 100% biodegradable erosion control blanket composed of 100% coconut fiber matrix stitched together with biodegradable thread and natural fiber top and bottom netting.

BASIC USE

GS-624 Wind Blanket is designed to provide heavy duty wind and water surface erosion protection and assist with vegetation establishment for 18-24 months when installed over GS-500 Series Growing Media as part of a CETCO Greenscapes Greenroof Assembly. GS-624 is typically used for plugs or potted plant vegetation plantings. CETCO Bio-Stakes, made from corn starch based bio-plastic, are used to fasten GS-624 to the growing media surface.

INSTALLATION

GS-624 should be rolled out over growing media prior to planting plugs or potted plants. X-cuts can be made easily with a utility knife or other sharp knife in locations where planting will occur to accommodate the planting of plugs or pots.

Adjacent blankets should be overlapped a minimum of 6" (15 cm). Bio-Stakes or other fasteners should be placed at 18" (45 cm) on center along the perimeters of the blanket or at overlaps of adjacent blankets. Additional Bio-Stakes should be placed at 24" (60 cm) on center throughout the field of the blankets.

BENEFITS

- Heavy Duty – provides superior protection from wind and water surface erosion
- Can be used in slopes up to 1:1 (45°) maximum
- Performs for up to 24 months where excellent vegetation coverage is needed before mat degradation

PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL VALUE
Width	N/A	6.67 ft (2.0 m)
Length	N/A	108 ft (33.0 m)
Thickness	ASTM D5199	0.26 in (0.66 cm)
Weight	ASTM D5261	8.83 oz/yd ² (299 g/m ²)
Tensile Strength (Machine Direction)	ASTM D5035	342 lb/ft (509 kg/m)
Tensile Strength (Transverse Direction)	ASTM D5035	211 lb/ft (314 kg/m)
Elongation (Machine Direction)	ASTM D5035	7.6%
Elongation (Transverse Direction)	ASTM D5035	11.1%
Water Absorption	ASTM D1117	155%
Resiliency	ECTC1	85%
Stiffness/Flexibility	ASTM D1388	0.11 oz-in (7.9 g-cm)
Smoulder Resistance	ECTC	YES ²

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