

TECHNICAL DATA

GREENSCAPES™ GS-612 EROSION CONTROL BLANKET

DESCRIPTION

Greenscapes GS-612 is a 100% biodegradable erosion control blanket composed of a 70% agricultural straw and 30% coconut fiber matrix stitched together with biodegradable thread and natural fiber top and bottom netting.

BASIC USE

GS-612 is designed to provide moderate duty wind and water surface erosion protection and assist with vegetation establishment for 9-12 months when installed over GS-500 Series Growing Media as part of a CETCO Greenscapes Greenroof Assembly. GS-612 is typically used for sowing sedum cuttings or seeding of grasses and herbaceous plants but can also be used for plugs or

potted plant vegetation plantings. CETCO Bio-Stakes, made from corn starch based bio-plastic, are used to fasten GS-612 to the growing media surface.

INSTALLATION

GS-612 is rolled out over pre-planted growing media in the case of sedum cuttings or if seeded. If plugs or pots are to be planted, the blankets 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 appropriate locations to accommodate the planting of plugs or pots. Adjacent blankets should be overlapped a minimum of 6" (15 cm). Bio-Stakes 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

- ▶ Moderate Duty – provides protection from wind and water surface erosion within limitations
- ▶ Can be used in slopes up to 6:12 (27.5°) maximum
- ▶ Performs for up to 12 months where excellent vegetation coverage is needed before mat degradation

PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL VALUE
Width	N/A	6.67 ft. (2 m)
Length	N/A	108 ft (33 m)
Thickness	ASTM D5199	0.29 in (0.73 cm)
Weight	ASTM D5261	9.66 oz/yd ² (327 g/m ²)
Tensile Strength (Machine Direction)	ASTM D5035	280.8 lb/ft (418 kg/m)
Tensile Strength (Transverse Direction)	ASTM D5035	205.2 lb/ft (305 kg/m)
Elongation (Machine Direction)	ASTM D5035	9.5%
Elongation (Transverse Direction)	ASTM D5035	13.2%
Water Absorption	ASTM D1117	158%
Resiliency	ECTC ¹	86%
Stiffness/Flexibility	ASTM D1388	0.42 oz-in (30.2 g-cm)
Smoulder Resistance	ECTC	YES ²

1. (ECTC) Erosion Control Technology Council
2. Material is smolder resistant according to ECTC Guidelines

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IMPORTANT: The information contained herein supersedes all previous printed versions, and is believed to be accurate and reliable. For the most up-to-date information, please visit www.CETCO.com. CETCO accepts no responsibility for the results obtained through application of this product. CETCO reserves the right to update information without notice.



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