



### GENERAL DESCRIPTION

GardMat P is a permanent, high strength three-dimensional matting structure incorporated with a 100% coconut fiber matrix.

### BASIC USE

GardMat P is designed to provide heavy duty wind and water surface erosion protection and permanent vegetation reinforcement when installed over Hydrotech's LiteTop® growing media as part of Hydrotech's Garden Roof Assembly®. GardMat P is typically used with plant plugs or pots where superior wind and water erosion is required long term. Steel GardMat Staples are used to fasten the GardMat P to the growing media surface.

### LIMITATIONS

- Polypropylene netting is Non-Biodegradable and UV Stabilized
- Can be used for slopes up to 1:1 (45°; 100%) maximum
- Intended for surficial erosion only

### TECHNICAL SPECIFICATIONS

PROPERTY	TEST METHOD	RESULT
WIDTH (feet)		6.50 ± 5%
LENGTH (feet)		55.5 ± 5%
THICKNESS (inches)	ASTM D5199 / ECTC <sup>1</sup>	0.67
WEIGHT (oz/sqyd)	ASTM D5261	12.57
TENSILE STRENGTH (MD <sup>2</sup> - lb/ft)	ASTM D5035	625
TENSILE STRENGTH (TD <sup>3</sup> - lb/ft)	ASTM D5035	768
ELONGATION (MD - %)	ASTM D5035	22.0
ELONGATION (TD - %)	ASTM D5035	15.0
POROSITY (%)	ECTC	99.0
RESILIENCY (%)	ECTC	90.0
STIFFNESS / FLEXIBILITY (oz-in)	ASTM D1388 / ECTC	3.83
SMOLDER RESISTANCE	ECTC	YES <sup>4</sup>

1. (ECTC) Erosion Control Technology Council
2. MD = Machine Direction
3. TD = Transverse Direction
4. Material is smolder resistant according to ECTC Guidelines