



SYNTEC Product Specification:



4800 Pulaski Highway
 Baltimore, MD 21224-USA
 Toll Free: 1-800-USGRIDS
 Tel: 410-327-1070
 Fax: 410-327-1078
 www.synteccorp.com

LandShield TRM 30 is a polyethylene erosion control geo-mats, designed for protection and growing of grass on slopes subject to surface erosion. LandShield TRM 30 is a three dimensional mat composed by extruded and bi-oriented polypropylene grids, laid one upon each other and tied up by means of black polypropylene yarns. The three dimensional structure of the mat shelters the layer of soil and anchors the growing roots of the planted seeds to obtain one block of very resistant to rain drop run off and soil movement. Landshield TRM 30 can be easily installed.

Primary Applications: Roadway Ditches, Slope Protection, Storm and Irrigation Channels, Shorlines, Landfill Covers

SYNTEC reserves the right to change its product specifications at any time. It is the responsibility of the specifier and purchaser to ensure that product specifications used for design and procurement purposes are current and consistent with the products used in each instance.

Physical Characteristics

	Units	Data ¹
▪ Thickness ²	in (mm)	0.312 (8)
▪ Mass/Unit Area ³	oz/yd ² (g/m ²)	5.3 (180)
▪ UV Stability ⁴	% Strength Retained	85

Mechanical Properties⁵

		MD Values ¹	XMD Values ¹
▪ Tensile Strength	lbs/ft (kN/m)	260 (3.8)	800 (11.7)

Dimensions and Delivery

The three dimensional TRM mat shall be delivered to the jobsite in roll form with each roll individually identified and nominally measuring 7.2 feet (2.2meters) in width and 164 feet (50 meters) in length. Rolls weigh 52.2 lbs (23.7kg).

MD= Machine Direction; XMD=Cross Machine Direction

Notes:

1. Values above are typical values
2. Thickness measured via ASTM D 5199
3. Mass/Unit Area measured via ASTM D 5261
4. UV Stability measured via ASTM D 4355
5. Breakage strength and strain are measured via ASTM D 4595, modified with a strain rate of 2 inch / minute.