

TENAX MULTIMAT TRM 30

TENAX MULTIMAT is a polypropylene erosion control geomats, designed for protection and growing of grass on slopes subject to surface erosion. TENAX MULTIMAT is a three dimensional mat composed by extruded and bioriented polypropylene grids, laid one upon each another and tied up by means of a black polypropylene yarn. The three dimensional structure of the mat shelters the layer of top soil and anchors the growing roots of the planted seeds to obtain one block very resistant to the rain drop run off and soil movement. TENAX MULTIMAT can be easily installed.

TYPICAL APPLICATIONS

Roadway ditches; slope protection; storm and irrigation channels; lake banks; landfill cover.

| MECHANICAL PROPERTIES | TEST METHOD | UNITS | TYPICAL ROLL VALUE | |
|-----------------------|-------------|--|--------------------|------------|
| | | | MD | CD |
| Tensile strength | ASTM D 4595 | kN/m (lbs/ft) | 3.8 (260) | 11.7 (800) |
| Thickness | ASTM D 5199 | mm (in) | 8 (0.312) | |
| Mass/unit area | ASTM D 5261 | g/m ² (oz/yd ²) | 180 (5.3) | |
| UV stability | ASTM D 4355 | % strength retained | 85 | |

| PACKAGING DATA PROPERTIES | TEST METHOD | NOMINAL VALUE |
|-------------------------------------|-----------------------------------|----------------------|
| Roll dimensions (width x length) | m (ft) | 2.2 x 50 (7.2 x 164) |
| Roll area | m ² (yd ²) | 110 (131.5) |
| Estimated roll diameter | cm (in) | 57 (22.2) |
| Estimated roll weight | kg (lb) | 23.7 (52.2) |

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