

T-Mat Grass

EROSION CONTROL



DESCRIPTION

Biotextile made of biodegradable cellulosic fibres of natural green colour, preseeded with high-quality herbaceous seeds (a probable mix design is reported at the bottom of the sheet employed), including granular fertilizers for new settlements and soil improvers, without the aid of adhesives, synthetic nets, fibres or films.

APPLICATIONS

Flat green surfaces, dry slopes, reinforced soil retaining walls.

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TECHNICAL DATA SHEET

Raw material

Cellulose fibers

Mechanical properties

Mass		250 g/m ²	±10%
Thickness	(UNI EN ISO 9863)	3 mm	
Tensile strength MD/CMD	(UNI EN ISO 10319)	0,98/0,6 kN/m	
Elongation at break MD/CMD		43/125 %	

Dimensions

Width		1,1 cm	±10%
Length		91 cm	±10%

Mix design of seeds inside the biofelt:

20% Lolium perenne	13% Festuca arundinacea
10% Lolium multiflorum nano	4% Festuca rubra rubra
38% Festuca ovina	4% Trifolium repens
4% Poa Pratensis	7% Medicago lupulina

Storage: T-Mat Grass is rolled, and must be handled taking care not to damage the packaging.

It must be stored in a dry place, protected from exposure to the sun's rays, away from flammable materials and heat sources. The product, if stored dry inside the nylon packaging, has a shelf life of approximately two years

Installation instructions: remove any stones, grass and pre-existing vegetation from the root, turn over the first 10 cm of surface; crumble the large structure and level it; lay out the biotextile without stretching it, making it lie down and adhere permanently to the ground, thanks also to irrigation water; anchor it with U-shaped pegs or nails at a distance variable as a function of the inclination, the characteristics of the place and the terrain, on average 1-2 nails per m² of biotextile; usually no overlaps are necessary; on slopes place the product approximately 40 cm beyond the top; in case of horizontal laying, the overlap between adjacent coils should be about 3-4 cm and can be made "tiled", the upper roll overlapping the lower one. Lay the biotextile with a temperature stably above 5°C and below 30°C; irrigate daily, where possible, for the first 25-30 days until the turf is fully established.

MD: Machine direction **CMD:** Cross machine direction

The information given in this data sheet is to the best of our knowledge true and correct. TeMa srl 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.

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