

EURO-MAT F.G.M.

EURO-MAT F.G.M is a blended product, ready to use, %100 bio-degradable, and is made of "PREMIUM" vegetable fibers (NFU code: 444551) with the addition of stabilizing agents, germination activators and growth enhancers.

Its performance level is superior to that of mulches in the SMM (Stabilized Mulch Matrix), BFM (Bonded Fibre Matrix) or EFM (Engineered Fiber Matrix) ranges.

ACTION FIELDS

Hydro-mulch is active on 3 levels:

Provides a "Temporary" Anti-Erosion Protection for the medium term (>6 months <24 months):

This product acts like a real "barrier", absorbing the impact energy of raindrops (the "splash" effect) whilst at the same time capturing rainwater from thunderstorms. Its performance level is comparable to that of 'roll matrixes' (Curlex, Needlefel...) or geo-textiles made of vegetal fibres.

Accelerates Germination:

Its water retention capacity allows the seeds and seedlings to develop in a "controlled" environment where it concerns temperature and hydro stress, as temperature peaks are flattened out and evaporation/transpiration is being limited. The presence of germination activators and growth enhancers allows for quick establishment of the green cover.

Increases Performance Levels:

Applied hydraulically through a Hydroseeder, this product does not need any specific jobsite preparation nor fixation systems.



SPECIFICATIONS & PERFORMANCE

| | |
|---|---------------------------------------|
| Tracer | 1% (green) |
| Prime material | Betula papyfera / Populus tremuloides |
| Fibre length (mm) | 2 to 10mm |
| % Wood Fibre | 75 % |
| %Organic Stabilizer | 10% |
| % Germination activator and Growth Enhancer | 5% |
| % Biodegradable Reinforcement Fibre | 9% |
| % Water Retention Capacity / Dry Weight | 1500% |
| % Organic Matter | 99,3% |
| % Mineral Matter | 0,70% |
| Erosion Protection Life Span | 18 months |
| Water mixing ratio | 1 Bale per 500 litres of water |

APPLICATION RATE

| Slope Steepness | Average Application Rate |
|-----------------|--------------------------|
| <1 :1 | 176 Bales/Ha |
| < 2 :1 | 150 Bales/Ha |
| < 4 :1 | 120 Bales/Ha |

