

EURO-MAT B.F.M EC



PRODUCT DESCRIPTION

EURO-MAT B.F.M-EC (Bonded Fiber Matrix) is the entry level product of the projected fibre matrix product range. Its performance level is superior to that of mulches in the SMM (Stabilized Mulch Matrix) range.

EURO-MAT B.F.M-EC is a blended product, ready to use, 100% biodegradable, and is made of "PREMIUM" wood and cellulose fibres (NFU code: 44-4551) with the addition of stabilizing agents, germination activators and growth enhancers.



Thanks to its content in recycled fibre, the product actively collaborates in the reuse of already available resources and that way makes a difference in responsible and concrete actions towards Environmental Protection.



ACTION FIELDS

A Bonded Fibre Matrix (EURO-MAT B.F.M – EC) used in Hydromulching 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, Needlefelt,...) or geotextiles 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.

In order to learn more about this, please visit the "<http://www.euro-tecturkey.com.tr>" web site or call us +90 533 040 54 33.

SPECIFICATIONS & PERFORMANCE

Prime Wood Material	Pinus sylvestris
Prime Cellulose Fiber	Recycled Cellulose Fiber
% Wood Fiber	% 65
% Cellulose Fiber	% 26
%Organic Stabilizer,Fluidizing Agent, Tracer and Germination Activator	% 9
% Water Retention Capacity / Dry Weight (ASTM D7322)	% 1300
% Organic Matter % Mineral Matter	% 93 % 7
Erosion Protection Life Span (months)	😊
Water Retention Capacity	😊
Covering Capacity @ 242Bales/Ha or 3400Kg/Ha	😊
Water mixing ratio	Approximately 1 Bale per 100 litres of water

APPLICATION RATE *

Constraints (low, medium, high)	Average Application Rate*
Micro soil surface - climate	220-320 bales/Ha

* Average indicative value, requiring adjustment depending on specific soil characteristics.

PACKAGING

Bales of 14 Kg / Pallet with 40 Bales

Note: The wood fibre has been treated in a thermal process in order to dehydrate it and to eliminate pathogenic germs / fungi.

COMPARE EURO-MAT BFM-EC AGAINST GEOTEXTILE NETS AND BLANKETS

One-step complete covering

Germination through the membrane

Fixes itself and adheres perfectly to the soil

Soil gets impregnated through rainfall



Needs a lot of labour to apply and fix

Pushed upwards by the young plants germinating

Rigs & channels appear where contact with soil is not perfectly established

DISCLAIMER

The information provided in this product sheet is merely for informative purposes and could be not free of errors. Under our constant product improvement policy products and specifications.