

Greenfix Mulchmat Type 10 Biodegradable Mulchmat



Greenfix Mulchmat Type 10 is a biodegradable blanket of upper layer of coir with two biodegradable foils underneath to prevent light penetration. The foils have off-set slits to allow water through. The mat is to be laid over the prepared earth, and rolled out in the direction of the slope. The bottom membrane prevents loss of moisture, controls erosion and provides non-chemical control of weeds. The bottom membrane is manufactured from biodegradable plastic. Mulchmats provide weed control and mulching typically for at least 3 years.

FIBRE – upper layer of blanket	COIR			
Fibre Content (%)	100%			
Width (m)	0.60	0.80	1.20	2.40
Length (m)	30	30	30	30
Area (m ²)	18	24	36	72
Weight Per Roll (kg)	11	14	22	40
Weight (g/m ²)	min. 530			
Functional Longevity	Up to 36 months			
Thickness	10-15 mm			
Mulchfoil Composition – under layer	PE made from starch - biodegradable			
Weight of Mulchfoils	66 g/m ²			
Lifetime of Mulchfoils	~36 months			
No. of Bottom Mulchfoils	2, each with off-set slits			
Top Netting Type	Oxygrid – see separate spec			
Top Netting Size	9 x 9 mm			
Top Netting Weight	4.8 g/m ²			
Stitching Thread	Polypropylene-thread (brown), UV-degradable			
Stitching Thread Tensile Strength	6.5 cN/dtex			
Water Penetration (depending on inclination of area)	60–80%			
Water Holding Capacity	5–10%			
Evaporating Humidity Protection	1 st & 2 nd year 95% 3 rd year 75%			
Light Transmission* (% of installed area)	1 st & 2 nd year 2% 3 rd year 10%			
Weed control*	1 st & 2 nd year >99% 3 rd year >95%			
Slope Recommendation	Suitable for installation on flat areas and on slopes up to 1:1 or greater			
ISO 10319 Tensile Strength	6.2 kg per 20 cm			
D4595 Elongation (%)	26 x 20			
Max Permissible Shear Stress (g/m ²)	1400			
"n" value Roughness Coefficient	0.014			