

Greenfix Mulchmat Type 11

Application and Benefits

Greenfix Mulchmat Type 11 is a 100% biodegradable blanket which provides weed control and mulching in one. The blanket consists of an upper layer of coir with two fully biodegradable mulchfoils underneath to prevent light penetration. The mulchfoils have off-set slits to allow water through to the roots below. The Mulchmat Type 11 is to be laid over prepared earth and rolled out in the direction of the slope. The bottom foils prevent loss of moisture, controls erosion and provides non-chemical control of weeds. The mulchfoil layer is manufactured from renewable raw materials with an approximate lifetime of 3 years in line with the upper coir layer.



Product Characteristics

Fibre – upper layer of blanket	Coir			
Fibre Content (%)	100%			
Width	0.6m	0.80m	1.20m	2.40m
Length	30m	30m	30m	30m
Area Per Roll	18m ²	24m ²	36m ²	72m ²
Weight Per Roll	10kg	13kg	19kg	38kg
Weight per m2	~530g/m ² (+/-10%)			
Functional Longevity	24-36 Months			
Thickness	10-15mm			
Mulchfoil Composition	Bio-Polymer 80% corn starch			
Lifetime of Mulchfoils	~ 36 Months			
No. of Mulchfoils	2 (each with off-set slits)			
Top Netting Type	Oxygrid			
Top Netting Size	6 x 6mm			
Top Netting Weight	4.8g/m ²			
Stitching Thread	PP-Multifilament (brown) UV Degradable			
Stitching Thread Tensile Strength	890 dtex / 800 den			
Water Holding Capacity	5-10%			
Evaporating Humidity Protection	1st & 2nd year 95% 3rd year 75%			
Light Transmission* (% of installed area)	1st & 2nd year 2% 3rd year 10%			
Weed control*	1st & 2nd year >99% 3rd year >95%			
Slope Recommendation	1:1			
Tensile Strength ISO 10319	6.2kg per 20cm			
D4595 Elongation (%)	26 x 20			
Max Permissible Shear Stress	1400g/m ²			
Mulchfoils	100% Biodegradable acc. DIN V54900-2			