

## Greenfix Mulchmat Type 11



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 approximately lifetime of 3 years in line with the upper coir layer.

Specification				
Width	0.60m	0.80m	1.20m	2.40m
Length	30m	30m	30m	30m
Area Per Roll	18m <sup>2</sup>	24m <sup>2</sup>	36m <sup>2</sup>	72m <sup>2</sup>
Weight per Roll	10kg	13kg	19kg	38kg
Fibre	Coir			
Fibre Content	100%			
Weight / Total	~530g/m <sup>2</sup> +/-10%			
Functional Longevity	24-36 months			
Thickness	10-15mm			
Composition of Mulchfoils	Bio-Polymer – 80% corn starch			
Thickness/ Strength of Mulchfoils	40 µm			
Number of bottom Mulchfoils	2 Layers			
Top Netting Type	Oxygrid®			
Mesh Width	6 x 6mm			
Weight Top Netting	4.8g/m <sup>2</sup>			
Stitching Thread	PP-Multifilament (brown), UV-Degradable			
Tensile Strength of Stitching Thread	890 dtex / 800 den			
Water Penetration (depending on soil character)	60-80%			
Water Holding Capacity	5-10%			
Evaporating Humidity Protection	1-2 years 95% / 3 years 75%			
Light Transmission (% of installed area)	1-2 years 2% / 3 years 10%			
Weed Control in % per area	1-2 years <1% / 3 years < 5%			

<b>Slope Recommendation</b>	1:1
<b>Standards</b>	
<b>ISO 10319 Tensile Strength</b>	6.2kg per 20cm
<b>D4595 Elongation (%)</b>	26 x 20
<b>Max Permissible Shear Stress</b>	1400 g/m <sup>2</sup>
<b>Mulchfoils</b>	100% Biodegradable acc. DIN V54900-2