

## Greenfix Mulchmat Type 10



Greenfix Mulchmat Type 10 is a UV degradable blanket of upper layer of coir with two UV degradable 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 UV degradable plastic. Mulchmats provide weed control and mulching typically for at least 3 years.

<b>FIBRE – upper layer of blanket</b>	<b>COIR</b>			
Width (m)	0.60	0.80	1.20	2.40
Length (m)	30	30	30	30
Area (m <sup>2</sup> )	18	24	36	72
Weight Per Roll (kg)	11	14	22	40
Weight (g/m <sup>2</sup> )	~530 g/m <sup>2</sup> +/- 10%			
Functional Longevity	24-36 months			
Thickness	10-15 mm			
<b>Mulchfoil under layer</b>				
Mulchfoil Composition	PE foil biological decomposition			
Lifetime of Mulchfoils	36-48 months			
Top Netting Type	Light, 6mm x 6mm apertures, 4.8g/m <sup>2</sup>			
Stitching Thread	PP-Multifilament (brown), UV-Instable, 890dtex / 800den Tensile strength			
Water Penetration (depending on inclination of area)	60–80%			
Water Holding Capacity	5–10%			
Evaporating Humidity Protection	1 <sup>st</sup> & 2 <sup>nd</sup> year 95% 3 <sup>rd</sup> year 75%			
Light Transmission* (% of installed area)	1 <sup>st</sup> & 2 <sup>nd</sup> year 2% 3 <sup>rd</sup> year 10%			
Weed control in % per area	1 <sup>st</sup> & 2 <sup>nd</sup> year <1% 3 <sup>rd</sup> year <5%			
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 <sup>2</sup> )	1400			
"n" value Roughness Coefficient	0.014			

The specifications presented herein are to the best of our knowledge true and accurate. Greenfix cannot guarantee or warranty our products, unless agreed to in writing for specific conditions, for performance since the manner of handling, use and installation are beyond our control. Greenfix guarantees that the complete Greenfix Mulchmat systems with all the advantages has a lifetime of approx. 36 months, The Bio-Mulchfoil\*\* of Type 10 will decompose within approx. 36 months. Weed control is depending on the lifetime of the Mulchfoils. The Bio-Mulchfoil is made from starch. It decomposes into water and carbon dioxide. The degradation starts with UV-Light and heat through e.g micro-organism. The degradation of the Bio-Mulchfoil continues even in the night or cloudy weather conditions.

\*depending also on the quantity and type of plants, shrubs, trees and correct installation.