

## Technical Data Sheet

### Greenfix Mulchmat - 9

PROPERTIES				
<b>Fibre</b>	<b>Coir</b>			
Fibre Content	100%			
<b>Weight / Total</b>	<b>~ 530 g/m<sup>2</sup> +/-10 %</b>			
Functional Longevity	24- 36 months			
Thickness	10-15 mm			
Mulchfoil Composition	Polyethylene			
Weight of Mulchfoils	66 g/m <sup>2</sup>			
Lifetime of Mulchfoils	48-60 months			
No. of bottom Mulchfoils	2 ea.			
Top Netting Type	Light			
Top Netting Size	6 x 6 mm			
Top Netting Weight	4,8 g/m <sup>2</sup>			
Stitching thread	PP-thread (brown), UV-degradable			
Stitching thread tensile strength	6,5 cN/dtex			
Jutemesh between the Mulchfoils	NONE			
Water penetration (depending on inclination of area)	60 – 80 %			
Water holding capacity	5 – 10 %			
Evaporizing humidity protection	1 <sup>st</sup> & 2 <sup>nd</sup> year 95 % 3 <sup>rd</sup> year 75 %			
Light transmissivity * (% of installed area)	1 <sup>st</sup> & 2 <sup>nd</sup> year 2 % 3 <sup>rd</sup> year 10 %			
Weed control * (weeds 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 >			
STANDARDS				
ISO 10319 Tensile Strength	6,2 kg per 20 cm			
D4595 Elongation (%)	26 x 20			
Max Permissible Shear Stress	1400 g/m <sup>2</sup>			
„n“ value Roughness Coefficient	0,014			
SHIPPING & ORDER INFORMATION				
<b>Part No.</b>	<b>O960</b>	<b>O980</b>	<b>O9120</b>	<b>O9240</b>
Width	0,60 m	0,80 m	1,20 m	2,40 m
Length	30 m	30 m	30 m	30 m
Area per Roll	18 m <sup>2</sup>	24 m <sup>2</sup>	36 m <sup>2</sup>	72 m <sup>2</sup>
Weight per Roll	11 kg	14 kg	22 kg	40 kg
Diameter per Roll	0,35 m	0,35 m	0,35 m	0,35 m
Volume per Roll	0,07 m <sup>3</sup>	0,10 m <sup>3</sup>	0,15 m <sup>3</sup>	0,29 m <sup>3</sup>

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.

SOILTEC guarantees that the complete GREENFIX Mulchmats System with all the advantages has a lifetime of 24 - 36 months. After approx. 24 months the coirfibre starts to degrade, so that some spots without coirfibre can be seen. The coirfibre will be degraded 100% after approx. 30-42 months. The PE-Mulchfoil\* of Type 9 will decompose within approx. 48-60 months. The Bio-Mulchfoil\*\* of Type 10 will decompose within approx. 36-48 months. Weed control is depending on the lifetime of the Mulchfoils.

#### MULCHFOILS:

TYPE 9+9J Mulchfoil made of Polyethylene. Polyethylene decomposes by being exposed to light and does not pollute ground water.

TYPE 10+10J The Bio-Mulchfoil contains starch. It decomposes into water and carbon dioxide.

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

Latest-Update: February 15, 2019

Name: Kai Tietjen

File Name: TYPE 9

Copyright of these GREENFIX Document is reserved by SOILTEC GmbH. Copying or transmission of these document in whole or in part or any information contained therein is strictly prohibited without the prior authorization of SOILTEC GmbH, Germany.