

Greenfix Mulchmat F3 Fire Retardant Biodegradable Mulchmat

Application and Benefits

Greenfix Mulchmat F3 is a 100% biodegradable blanket which provides weed control and mulching in one, along with the addition of fire protection in accordance with DIN 4102-1: 1998-05 – class B2. The blanket consists of an upper layer of F3 grass fibres with two fully biodegradable mulchfoils underneath to prevent light penetration. The mulchfoils have offset slits to allow water through to the roots below. The unique F3 grass fibres are of European origin and are fully biodegradable within approximately 36-60 months dependent on soil and weather conditions. Mulchmat F3 is to be laid over prepared earth and rolled out in the direction of the slope.



Product Characteristics

Product Specification				
Grass Fibre Content	100%			
Width	0.60m	0.80m	1.20m	2.40m
Length	30m	30m	30m	30m
Area	18m ²	24m ²	36m ²	40m ²
Weight	11kg	14kg	22kg	40kg
Functional Longevity	Up to 35 Months			
Thickness	10-15mm			
Mulchfoil Composition (Under Layer)	PE made from starch - biodegradable			
Weight of Mulchfoils	66g/m ²			
Lifetime of Mulchfoils	~36 Months			
No. of Bottom Mulchfoils	2 each with offset slits			
Top Netting Type	Oxygrid			
Top Netting Size	9 x 9mm			
Top Netting Weight	4.8g/m ²			
Stitching Thread	Polypropylene Thread Brown (UV Degradable)			
Stitching Thread Tensile Strength	6.5cN/dtex			
Water Penetration	60-80%			
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	Suitable for installation on flat areas and on slopes up to 1:1 or greater
ISO 10319 Tensile Strength	6.2kg per 20cm
D4595 Elongation (%)	26 x 20
Max Permissible Shear Stress	1400g/m ²
"n" Value Roughness Coefficient	0.014

