

# Macjute



## Geomat – Erosion Control Blanket / Weed mat

### Technical characteristics:

Macjute has been developed to promote growth and stability on steep slopes and areas that could be affected by erosion. Macjute Light has been designed specifically to promote grass establishment by allowing vegetation to grow through it. Macjute Heavy TM is an excellent 100% organic weed barrier.

Physical properties		Macjute Light	Macjute Heavy
Thickness	mm	3	6
Mass per unit area	g/m <sup>2</sup>	275	650
Free space	%	0	0
Colour		Light Brown	Light Brown
Scrim / Stitching		Nil	Nil
Longevity	years	m1	m1.5

### Mechanical properties

Longitudinal tensile strength	kN/m	N/A	N/A
Elongation at break	%	N/A	N/A
Transversal tensile strength	kN/m	N/A	N/A
Elongation of break	%	N/A	N/A
Application		3H:1V -2H:1V Slopes, Low Flow Channels where grass can be established	3H:1V -2H:1V Slopes, Low to Moderate Flow Channels where weed control is desired
Permissible Shear Strength	Pa	24	24
Maximum Flow Velocity	m/s	2	2

### Roll presentation

Width	m	2.05	1.83
Length	m	50	25
Area	m <sup>2</sup>	102.5	45.75
Diameter	M	.4	.4
Weight	Kg	28.0	29.75
Number of tree planting slits per square metre		None	6