



Southern Geosynthetics Supplies

DUX Soilfix Product Properties

DUX Soilfix 450 is a synthetic turf reinforcement mat, designed to promote grass growth and protect soil from high-velocity water flow.

Property	Test Method	Unit	Result
Tensile Strength at Break MD/XMD	AS 3706.2 / ASTM D4595	kN/m	5.8/2.0
Flow Rate , VI_{H100}	EN ISO 11058	l/sqm.sec	>200
Opening Size, EOS	ASTM D4751	Micron	>700
UV Resistance	ASTM-D4355	%	>70
Mass Per Unit Area	ASTM-D3776	g/sqm	450
Thickness	ASTM-D5199	mm	5.5
Roll Size	LxW	m	3.0m x 35m
Roll Weight		Kg	45 kg
Material	UV stabilized polypropylene (PP) fibres needled into 4x4mm PP reinforcing mesh. Colour: beige/green		
Typical Pinning Details	200mm length pins 4mm diameter, 1m spacings in both directions		

Notes: MD=Machine Direction, XMD=Cross Machine Direction.

The data and specifications provided in this table are based on tests performed in a manufacturers laboratory.

