

Ecoturf

Pullout force third party testing results



Samples of each size stake were installed into compact soil and then an instrument that measures the amount of pounds of force was used to remove the stake from the.

The numbers indicate the amount of pounds need to remove each stake from the soil.

The barbed design of the stakes provide resistance not found on traditional wood or steel staples. This feature insures better holding power to anchor erosion blanket, turf, sod or other BMPs.

Part Number	Number	Peak Force in kgs
EDS-6D	1	5.1
	2	4.7
EDS-8D	1	7.1
	2	7.0
EDS-8D V2	1	7.2
	2	7.3
EDS-4D	1	3.3
	2	3.5

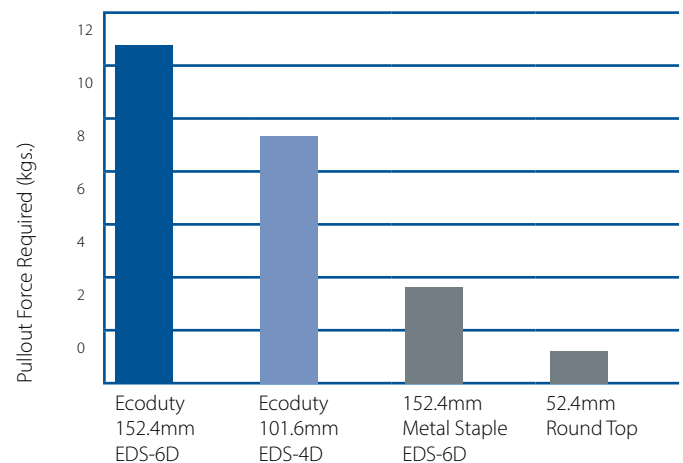
Ecoduty Stakes

Biodegradable Stake Specification Guidance



Current Steel Staple Specification	Biodegradable Stake Equivalent
152.4mm	101.6mm
203.2mm	152.4mm
304.8	203.2mm

Holding Power Comparison



Ecoturf Versus Metal Counterparts

About Us

Leaders in Geosynthetics

Global Synthetics is a 100% Australian-owned company, proud to offer a complete range of high-quality geosynthetic products backed by over 200 years of combined staff experience in the industry.

We have supplied products to some of the largest recent infrastructure works in Australia. Global Synthetics provides major benefits to any geotechnical engineering project with the right products and our technical expertise.

Global Synthetics products are used in the following applications:

- Pavement Stabilisation
- Ground Improvement
- Soil Reinforcement and Retaining Structures
- Water Management
- Drainage Systems & Hydraulic Works
- Landfills
- Coastal Erosion Structures

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