

Product	PA234 & PA231 Eco Duty Degradable Stake
Product Description	100% Degradable Stake
Sizes	100mm, 150mm
Application	Ecoduty stakes are used to anchor erosion blankets, mulch mat, turf, protective covers and netting The 100mm Ecoduty has 3.23 times more holding power than 150mm metal staples due to the surface area and ribbed design. The 150mm Ecoduty has 5.4 times more holding power than metal staples due to the 20 points of contact and ribbed design.
Material of Composition	Polypropylene based resin from 100% recycled materials with an additive to cause breakdown and degradation
Applicable Standards	This product is produced to break down and degrade in accordance with ASTM Oxo-degradability standard, specifically ASTM D6954
Oxo-degradation Process	The additive changes the chemical structure of the stake when exposed to moisture and oxygen in the soil with a duration of 12-36 months. After such change, micro-organisms cause the biodegradation of the remaining product. Because microbial activity is affected by moisture and temperature, breakdown can vary in different regions
Oxo-degradation By-Product	Carbon-dioxide, water and humus (organic component of soil), all of which are present in the environment
Oxo-degradation Period	Maintain holding power in the ground for 24 months after which it will degrade and disappear completely
ECB Installation Pattern	Stake installation configurations and instructions as per blanket manufacturer specification.
Storage	Ecoduty stakes have a shelf life of 36 months before loss of structure due to exposure reduces their durability.
Safety and Hazards	See Material Safety Data Sheet (MSDS)

