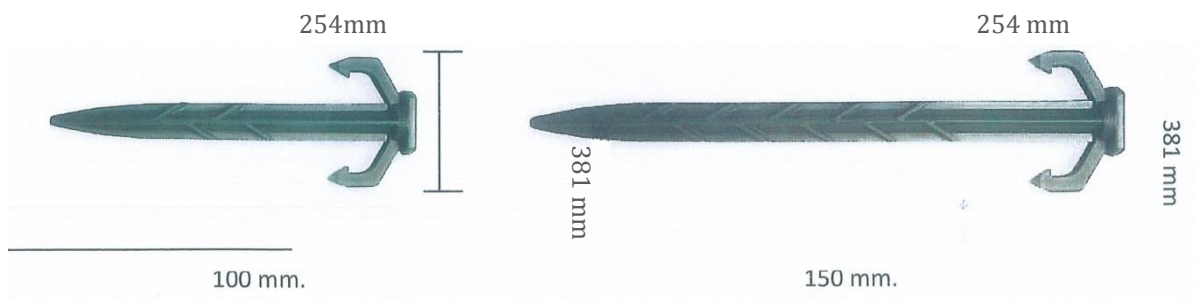


Product Description	100% Degradable Stake
Sizes	100mm; 150mm
Application	Bio Pins are used to anchor erosion blankets, mulch mat, turf, protective covers and netting The 100mm Bio Pin has 3.23 times more holding power than 150mm metal staples due to the surface area and ribbed design. The 150mm Bio Pin 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-Biodegradability 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 12-24 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 By-Product	Maintain holding power in the ground for 24 month after which it will degrade and disappear completely
ECB Installation Pattern	Stake installation configurations and instructions as per blanket manufacturer specification.
Storage	Bio Pins have a shelf life of 36 months before loss of structure due to exposure reduces their durability.



Latest-Update: January 29, 2015

Name: Kai Tietjen

File Name: BioPins100/150

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