

DuraVeg® Wood+Tack

DuraVeg® Wood+Tack is Australian made from 100% PEFC (Good Wood) certified Australian timber. Wood chips are thermo mechanically refined through a high pressure vessel and double-disk refiner into a highly fibrillated, phytosanitised wood fibre. A blend of cross-linked hydro-colloidal, natural and biodegradable polysaccharide tackifiers and water holding agents are added to create a product that provides superior erosion protection with enhanced surface binding technology. When applied, it tightly bonds to the soil creating a fully biodegradable erosion control cover that is permeable, water absorbent and promotes germination and plant growth. The cure time is typically 4-24 hours. Once cured, tackifiers are non-rewetting and it has a functional longevity of 12 months or more. DuraVeg® Wood+Tack is free from matter toxic to plant growth, prohibited or restricted biosecurity matter, plant propagules, soil, rubbish, seed germination inhibitors and other deleterious material. DuraVeg® Wood+Tack exceeds Australian BFM guidelines.

TECHNICAL DATA

PROPERTIES	TEST METHOD	UNITS	TESTED VALUE (Recommended)	TESTED VALUE (Minimum)
		Kg/Ha	5000	3500
Mass/area	Observation	g/m²	500	350
Application thickness	Observation	mm	≥6.5	≥5
Typical maximum slope gradient	Observation		≤ 1:1.5	≤ 1:2
Maximum uninterrupted slope length	Observation	m	20 m on 1:1.5 350 m on 1>1:5	20 m on 1:2
Cover (C) factor	ASTM D6459 Landloch (2020)		0.011	0.021
Erosion control effectiveness	ASTM D6459 Landloch (2020)	1- C factor x 100%	98.9%	97.9%
Permissible shear stress @ 5ton/Ha	Landloch (2020)	pascals	≥42	
Functional longevity	Observation	months	≥12	
Cure time	Observation	hours	4-24	
Water holding capacity	Observation	% of packed weight	≥1100%	
Colour	Observation		Green	
Moisture content at manufacturing		% of packed weight	10-14%	
PRODUCT COMPOSITION			VALUE	
Thermo mechanically defibrated wood fibre			96%	
High viscosity crosslinked polysaccharide tackifiers and waterholding agents			4%	
PACKING INFORMATION		TEST METHOD	UNITS	VALUE
Bag weight	Scale +/- 1 kg	kg	20	
Bags per pallet	Observation	number	42	
Bags are heat sealed UV stabilised plastic				
Pallets are covered with a UV stabilised pallet cover and stretched wrapped				

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and restore environments.**

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