

Business profile:

Woodshield posts promote a 'circle of sustainability'

WOODSHIELD Pty is an Australasian company that manufactures a patented sustainable post – a non-treated timber post encased in recycled plastic.

It boasts superior strength and a long lifespan.

The product is weather-resistant, easy to handle, and safe for animals. It allows use of standard fasteners and keeps away rot, rust, and termites.

It can find many uses – as vineyard posts; oyster posts or oyster rack and rail; equine jump rails, equine tie up posts, equine arena and yard fencing; or dairy fencing.

General-purpose uses include its role in garden beds, compost bins, landscaping, or retaining walls.

In the water, it can be used for jettys, pontoons, and stilts among others.

In 2012, the WoodShield post won first prize at the Riverlands field days invention and innovation awards.

The recycled plastic is made from agricultural industry waste that comes as old, used dripper tube or irrigation pipe off vineyards and farms.

It is recycled onto a chemical-free timber post from forest thinnings and even after 100 years, can be stripped off the post and recycled into

another product.

The wood can be mulched, chipped, or turned into firewood.

Given that it is non-treated, there are no chemicals to worry about – a full circle of sustainability.

Each end has a hard cap encapsulated inside and the recycled plastic is extruded over the cap and the timber post, completely sealing it.

This ensures the posts do not absorb moisture that could lead to rotting. Whatever is inside stays inside and whatever is outside cannot get in.

The caps provide strength to its ends, so they can still be hydraulically forced into the ground without fear of damage.

No specialized equipment is required when installing the posts or wires, and despite having to puncture the plastic outer covering for clips and fasteners, there is no issue with moisture getting into the inner timber.

You can hammer it, nail it, screw it, even hotwire direct to it.

Woodshield's product is certainly environment-friendly.

Need to know more?

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Woodshield's patented posts boast a long lifespan.