

Recycled Plastic News

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1800 REPLAS
www.replas.com.au

A Coastal Management Study commissioned by Victor Harbor Council in South Australia identified beach pedestrian steps on the Esplanade were at risk of damage or loss due to storms, wave action and sea level rise.

Victor Harbor, South Australia



According to the study, *'Lightweight timber structures are highly vulnerable to wave uplift forces under wave action storm surge conditions.'* Timber ramps and steps in the area had been damaged or destroyed several times in recent years and so a better long-term solution was sought by the council.

'Council selected this option as it provided a good outcome from a sustainability and asset management perspective, as well as providing a user friendly and aesthetic alternative to other access options.'

Brian Doman, Manager Environment & Recreation, Victor Harbour Council.



The new staircase was constructed using recycled-plastic Enduroplank™ decking with a light-weight composite fibre sub-structure.

This durable structure is resistant to salt water and will provide a virtually maintenance-free solution for more than forty years.

Take this

Replas recently presented a seat to Tim Silverwood co-founder of Take 3. They have a simple message: take 3 pieces of rubbish with you when you leave the beach, waterway or...anywhere and you've made a difference. The seat was made using plastic waste collected by his team on a Byron Bay Beach clean-up and is destined for a school who has contributed to reducing pollution as part of the Take 3 Schools Program.



L-R: Tim Silverwood—Take 3 Co-founder, Catherine Beaumont—RED Group, Mark Jacobsen—Replas.

'Replas is an exciting company offering genuine solutions to our waste & pollution crisis & we look forward to working with them into the future.' **Tim Silverwood—Take 3 co-founder**

A place in the sun



Pilbara Landscapes in Western Australia says, *'sustainability & recycling is the way of the future.'* It was this belief that steered them toward using Replas recycled-plastic profiles to create custom design furniture when upgrading a courtyard in the BHPIO Port Hedland site.

Hamish Thom from this innovative landscape design company said, *'The previous settings were timber and were destroyed by the weather and termites.'* Hamish says the client is now very happy with the new furniture as, *'not only are they termite resistant, we can hose and wash them regularly to keep them looking as new. No re-oiling is required.'*

Easy Access

Beach access is now easier than ever at popular Blacksmiths Beach in NSW particularly for users with reduced mobility since Lake Macquarie Council completed a 60 metre floating boardwalk. Using Enduroplank™ decking secured to recycled-plastic joists, this 'floating' construction allows the boardwalk to follow the undulations of the dunes.

'Using the recycled plastic product is intended to provide a longer lifespan than the traditional timber raised boardwalk surface used in beachside locations in the past. Due to its innovation, council will look at using recycled plastic materials in future beach access projects.'

John Ferguson, Manager Community Planning



Did you know?

Our Research & Development team has unveiled a new bollard line which will:



Increase **capacity** by

70%



Reduce **power demand** by

30%



Process a **wider range** of waste plastic.



Not only are we meeting increased demand for our premium bollards, but also reducing our impact on the planet.



REPLAS—PROUDLY AUSTRALIAN MADE AND OWNED