

Recycled Plastic News



INDUSTRIAL AND DOMESTIC PLASTIC WASTE USED AS A RESOURCE!

Doing the robot

Replas has recently invested in robotic technology at the Lilydale Research and Development Plant. Two ABB IRB4400 Longreach robots now carry out operations that previously were an OH&S concern.

When working with heavy products in large volumes, humans are susceptible to repetitive strain injury, especially when there is twisting involved. Not so the robots – they handle this work easily with speed and accuracy never before imagined. The robots can run 24/7 (they're not afraid of the dark), taking advantage of off peak power available at night and over the weekend. This results in a reduction in the amount of energy used in production.

All of these savings add up to better deals for our customers, new markets opening up for less expensive products and decreasing our environmental impact.



Replace it with Replas!

This expression has become the catch cry of the Replas team, who are constantly recommending products from the range to replace rotten and damaged timber outdoor furniture, signage, traffic control products and decking.

Pictured here is the recently refurbished boardwalk at the beautiful Fogg Dam Conservation Reserve in the Northern Territory. The existing wooden structure had become unsafe due to its exposure to the Territory's damp conditions during the long wet season.

Rather than replace the timber decking, the NT Parks and Wildlife Service sensibly decided to invest in a recycled-plastic boardwalk. Recycled-plastic will last for more than 40 years without maintenance and won't split, rot or be eaten by termites.

At 1.2 kilometres long, the boardwalk is Australia's longest recycled-plastic structure, winding its way through a variety of habitats, including monsoon and paperbark forests, and then onto the floodplains.



Flights of fancy

Situated among the lush, tropical gardens of the Rockhampton Botanic Gardens is the Rockhampton Zoo, home to over 50 species of Australian native and exotic animals. One of the features of the zoo is the Free Flight Aviary, home to many colourful birds including dazzling king parrots, and Major Mitchell and black cockatoos. The main aviary has a brand new walk-in raised pathway, which has been constructed from Enduroplank™ decking planking and composite fibre, to allow visitors to meander comfortably through the flight path of the birds. Enduroplank™ is the ideal product for Rockhampton's humid conditions as it won't rot or attract slippery fungal growth. It will also outlast timber decking by many years.

RED is the new green in Orange

The Central West Catchment Management Authority is the NSW Government agency responsible for the coordination and management of the Central Western district's natural resources. The authority encourages schools to adopt a closed-loop approach to purchasing and has recently purchased a RED fold-up polypropylene library bag for every student at each of the approximately 150 schools in the catchment. These bags will eventually be collected back from the schools and delivered to Replas where they will be recycled into new products. For more information about the RED program and to find out how your council or region can get involved, visit redbygreenbag.com.au



Replas giving back to the community

Replas is proud to support football in Australia – from grassroots level to semi-professional.



Replas is the major sponsor of the gritty Frankston Sharks Over 47s Australian Rules team in Victoria.



The South Tweed Under 19s enjoyed a successful finish to their maiden year in the Gold Coast Rugby League competition, winning the Grand Final with a convincing lead.



The Palmerston Magpies Football Club is a force to be reckoned with in the Northern Territory Football League.