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## Innovation the key to consumer market

### Austofix

#### Product: Austofix VRP Volar Radius Plate

The Austofix VRP is a fixed-angle locking plate for the treatment of unstable distal radius fractures involving instability, comminution and osteoporosis.

Australian made, it was designed to achieve anatomical function in distal radius fractures. It is made from titanium alloy for maximum biocompatibility and strength and is designed to maintain volar tilt, radial inclination and radial height.

### Australian Honey Exports

#### Product: The Wedge, a bottle for Australian Honey

In the pursuit of a bottle to easily dispense honey, Australian Honey Exports designed the Wedge bottle. The bottle is formed on an eccentric axis and together with its inverted structure; is ergonomically designed for easy squeezing.

The bottle also ensures honey crystals stay exposed to the warmth of the sun which helps the honey to stay liquid. After a number of development prototypes, the final product is a design that is visually dynamic to assist sales.

### Barrier Security Products

#### Product: Neata Retractable Belt Pedestrian Queue Control

The bashing of a man at Sydney airport using a pedestrian bollard prompted Barrier Security Products to create the 'Neata' pedestrian barrier.

The post is fastened into the floor with an in ground sleeve and coupling, and is locked, ensuring the unit is tamper resistant to the general public. When the posts are removed, the floor is left flush.

The product is expected to sell well and is currently being pitched to airports, cinemas, banks and sporting grounds.

### Boral Masonry

#### Product: Hydrapave

Boral Masonry's Hydrapave permeable pavement system is currently used in pedestrian and light trafficked areas.

It allows rain water to seep through channels at the ends of the pavers into the prepared sub-base where it is treated naturally, dispersed, discharged or directed for re-use. The controlled run-off reduces stormwater flooding and eliminates surface ponding.

Research into the quality of the discharged water has shown it to be suitable for re-use in watering plants and other non-potable applications.

### Boral Masonry

#### Product: Masonry One Brick

The Masonry One Brick from Boral Masonry is a concrete block made from 57% waste material (ash). The non-toxic block is made using 100% recycled water and can be crushed and re-used in the manufacturing of new concrete bricks.

According to the company, the product is 23% lighter than standard bricks, and has a two hour fire rating, as well as a resistance to chloride and sulphates. This means it is durable when used in projects close to the sea and is less corrosive on steel reinforcing.

### Boral Masonry

#### Product: Stylestone

Boral's Stylestone was once manufactured through a dry press machine however mid-2009, Boral began manufacturing the product through an automated wetcast plant, resulting in a paver with consistent colour and improved texture.

The wetcast plant boasts a range of energy saving measures including zero water discharge, the use of 100% recycled waste water and time-of-day program controlled lighting.

The wetcast process has created a range of different shaped, coloured and textured pavers and the company credits it with improving quality, functionality and aesthetics of its Stylestone paver range.

### Good Vibes for You

#### Product: Good Vibes for You Spring Water

Good Vibes for You has developed an environmentally friendly PET bottle for packaging its spring water range. The bottle is oxo-biodegradable and will biodegrade naturally into organic material in just five years.

The company says the bottles are the first of their kind in Australia and have opened up a number of doors for it to expand nationally and internationally.

### OzKleen Asia Pacific

#### Product: OzKleen Seed Technology

OzKleen's antibacterial line using OzKleen Seed Technology is a certified organic disinfectant extracted from the same ingredient that protects seeds from breaking down in nature. Using a natural bioflavonoid that prevents fruit seeds from breaking down, in the same way, it also acts as a shield to mould and germs.

As well as killing 99.9% of household germs, the product is said to prevent mould from forming.

### Papyrus Australia

#### Product: Papyrus Australia

South-Australian based Papyrus Australia is the developer of a world-first technology that utilises fibre from the waste trunk of a banana palm to produce paper and timber products..

The technology takes an otherwise unused waste material to produce high-value paper, cardboard, veneer and fibreboard products.

After an intensive research and development process, the trunk of the banana palm was identified as an ideal source of fibre because it is a renewable and abundant source and has no other viable use.

### **Paradise Motor Homes**

#### **Product: Free Time Series**

The Free Time motor home series from Paradise Motor Homes is the recent winner of the Motor Home of the Year Award judged by Australian RV and Caravan Magazine.

The company says the lightweight motor home features industry leading slideout technology, a reinforced frame and body, a high gloss 2pak finish and can be custom-built to customers' needs.

The model, endorsed by Mercedes-Benz, has automatic transmission and rear wheel drive.

### **Redwater Australia**

#### **Product: Redwater Diverter**

The Redwater Diverter saves water otherwise wasted down the drain. The diverter is installed before kitchen and bathroom hot taps and the captured cool water, initially expelled from the hot water tap is diverted through a return line to a suitable area.

Redwater Australia's research shows it saves

the average household 16,000L of water a year.

The company plans to further the product through the sustainable housing market and the green building evolution.

### **Seeley International**

#### **Product: Braemar TH 5 Star Ducted Gas Heating**

The Braemar TH 5 Star Ecostar is a ducted gas heating system for whole-of-house heating. It features zonal temperature control, single-point ignition, in-shot burner technology, a triaction heat exchanger for maximum heat generation and a soft air fan system.

The developments in the TH heater are new to the ducted gas heating market. Interchangeable panels, two piece construction that will fit through a manhole, a control system that allows zonal temperature control and a 5.6 star energy efficiency rating, reflects the company's \$4 million a year investment into technological innovation research.

### **Sperian**

#### **Product: Millerfix**

Sperian's Millerfix is part of the company's fall protection range used in the domestic and commercial roofing industries.

The Millerfix is designed as an individual anchorage point and as a fixing point for intermediate supports for both temporary and permanent horizontal lifelines. According to the company, it is the only surface mounted fall arrest unit on the market that is rated for use as an individual fall arrest point, intermediate point and end anchorage.



**Australian manufacturers are developing innovative products to capture the consumer market.**