

perimeter

SECURITY PRODUCT NEWS



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BOLLARDS

Australian National Maritime Museum

Our Sydney office was recently engaged by the museum to install various Leda bollards at three locations at their Darling Harbour site.



The works involved providing improved security for the bus and contractor parking areas by installing Stainless Steel L&R Bollards. It was also decided to replace the large 200mm Stainless Steel Regal Bollards which had been damaged over the years through repeated vehicle impact. Our final task involved installing a safety barrier by connecting the Victorian Bollards with grade 316 Stainless Steel chain. It was gratifying to hear the client comment on the quality and professionalism of the completed work and Leda contractors.



Taronga Zoo

Leda's High Security Manager Heng Cheng recently took these pictures of Leda's bollards being used for queuing control at Taronga Park Zoo.

Cheng who was visiting with his family was probably amused to see our L&R Bollards being used in this manner. All the projects Cheng is involved with normally involve product with high impact ratings designed to stop terrorist attacks.



Colossus

An appropriate name 'don't you think' for our BLBOL Precast Concrete Bollards. With a 800mm diameter these attractive large bollards weigh in at close to 800kg each making them difficult to manhandle.

Due to their weight we normally transport the mould to whatever city where we have orders and use a local precast concrete manufacturer to cast them. As with all Leda's Precast Concrete Bollards the finish is in off white concrete with a light sandblast to expose the aggregate. A stainless steel ferrule is cast into the top and a 90mm pipe section in the base to locate them into the pavement. The units pictured were recently supplied and installed into a new residential complex by our Melbourne team.

BOLLARDS



All about Children

Leda's Sydney office were recently contacted following a safety incident involving a car accidentally intruding into the children's outdoor play area at a Turrumurra Child Care Centre.

The problem was quickly rectified by Leda's Sydney team recommending and installing impact rated bollards outside the perimeter fencing to provide additional safety. The bollards were powder coated specially to match the centre's existing colour scheme.



BOLLARDS

Liverpool Mall Bollards

Leda Security Products recently completed a Retractable Bollard installation for Liverpool City Council at their new mall in Sydney's South/Western suburbs.

The installation consisted of 2 sets of 3 Stainless Steel Retractable Bollards at each end of the mall. Each bollard has a LED strip of lights near the top of the bollard for added safety.

These bollards are designed to stop entry of unauthorised vehicles into the mall whilst allowing access to authorised council and contractor vehicles.



Installation on the go



Finished Job



Stuck

We were recently called out to repair two of our very popular **Securapost SP90R** (Locking and Removable) Bollards after this cleaners car became stuck. The driver just didn't make it!!

Over 250,000 of this bollards have been installed around the country in the past 20 years making it the most popular and successful Ram Raid Resistant Bollard in Australia.

Suspended Slab Bollard

ATG (in England) have advised the release of their SP400 Suspended Slab Bollard following successful impact testing with a 2.5 tonne vehicle @ 48kph (in a 250mm slab).

The SP400 Bollard which is classified as a lift out (Removable) has certification to IWA14.1. The 900mm high x 219mm diameter bollard is available in galvanised or a range of standard colours. Stainless steel sleeves can also be fitted.



Ballajura Police Station

Many of the state police forces across the country have been looking to increase the physical security to the perimeter of their sites following heightened security alerts at existing and new police stations.

Ballajura in Perth's Northern suburbs is a new police station which has recently been constructed.

BOLLARDS

The builder Badge Constructions contracted Leda's WA office to supply and install a row of High Security Stainless Steel Bollards to protect the stations entrance areas.



High Court Canberra

During the recent Christmas holidays the writer was visiting the National Gallery in Canberra and while walking across to the portrait gallery came across a security bollard installation Leda completed several years ago at Australia's High Court.



We took the opportunity to visit this amazing building and were fortunate to coincide our visit with an informative tour where much of the High Courts origins' and current operating procedures were explained.



BIKE PARKING

Bike Hire

Once again the city of Sterling in WA have taken advantage of the Bike Rack Hire service Leda provides for a bicycling event they were hosting in January.

Several different rack designs are available and this hire service is available from our branches across Australia.



Bike Cages

When catering for a small number of cyclists the cost of installing a large **End of Trip** facility may not be viable.

The alternative are Leda's Modular Bike Cages.

At this car parking station provision has also been made for cyclists at several locations in the building. These individual cages are popular with cyclists as they provide excellent security and protection for their bikes.



Bike Racks

M & A apartments in Fortitude Valley Brisbane were at the stage that they had outgrown their bicycle parking facility. Leda Security was asked to extend the existing facility adding parking for an additional 30 bikes doubling the bike store capability.

Two car park spaces adjacent to the existing store were made available, 4 of the bike racks were immediately filled with bicycles before the installer had finished the bicycle store showing the need of the extension.

Dual Height Racks

There is an increasing interest in Leda's Dual Height CBR2GS racks where space is at premium.



This installation at an apartment complex in the Melbourne Docklands catering for 120 cyclists saw a combination of our Dual Height Racks as well as our unique BR2101 Vertical Racks.

BIKE PARKING



Westmead Bike Cage

Leda recently designed, manufactured and installed a new bike parking enclosure with automated access gate and weldmesh panels to the basement parking area for exclusive use by Hospital staff.

A combination of horizontal and vertical bike racks were spaced in accordance with AS2890.3 2015 and various layouts were drawn with different parking combinations to suit the client's requirements before a final selection was made.

Access from outside is via swipe card (fitted under contract by Siemens) and for easy exit there is a simple push button. Automation was supplied, fitted and commissioned by Leda technicians and the gate motor is programmed to remain open for a set time before closing automatically. All electrical work was completed by the builder.



BIKE PARKING

New Bicycle Parking Range "Parklands Bike Range"

Our new ***Parklands Range*** of Bike Rails will soon be available.

The new Architectural Range has been developed to provide designers with an informed choice of aesthetically attractive options. It is available in mild steel and stainless steel.



INTERNATIONAL BIKE PARKING CHILE & PERU

ledasecurity.com.au



CHILE

Bike Shelters for Panquehue Council

Securabike Chile have sent through details of one of the latest Bike Shelters they have installed for Panquehue Council. Each BSS07 shelter caters for 8 bicycles and use our popular CBR4SC racks to provide parking and weather protection for the bicycles. The council also decided to install one of our Bike Repair Stations (BBRS01) with each shelter.



CHILE

2016 Desafio Trek-Subaru

When 4000 participants turned up for this famous bicycle event in the Andes Mountain range **Securabike were there to assist with bike parking.**



CHILE

Bike Repair Stations for Lima

Our Peruvian agent **Ciudadabici** have recently signed a contract with San Isidro Council to supply and install our BBRS01 Bike Repair Stations along newly constructed bike tracks.

With vandalism being an ongoing concern care has been taken to install the stations in busy populated locations.



PERU

GATES

Australian Tax Office Car Park

Leda designed, manufactured and installed an automated sliding gate with fixed overhead panels to secure a basement parking area for ATO staff.

For safety a bump strip and photo electric beams were fitted to the gate along with a barrier railing adjacent to the gate opening on the inside to ensure cars or pedestrians could not get too close to the operating system.

Reliability was enhanced by supplying a 24V motor including battery back up in the event of power outages and existing electronic access control via an external roller door was easily connected to the new motor control board with an induction loop installed for convenient exiting.



Regional Council Cantilever Gate

Our Melbourne branch only this week completed a large eight metre Cantilever Gate system for a Victorian regional council.

The gate is the entry to a number of facilities including sports fields and an equestrian centre. The gate was installed to provide security to the area but more importantly to keep the horses from straying outside and keeping them contained.

There is still fencing to be installed and some other civil works needed, however the council needed the gate installed as soon as possible. The gate is finished in a powder coated black and once all the peripherals are installed the entrance to the area will look very impressive.



Gates in New Aged Care Facility

Leda's cantilever gate and pedestrian access gate were specified for a new aged care facility in the western suburbs of Melbourne.



The architect wanted to theme the facade of the building and perimeter with a bladed style look which was a mixture of timber for the buildings and metal for the perimeter.

In this case the blade inserts were powder coated aluminium section and once fitted to the frame of the gates created an attractive contemporary finish.



Manual Bi-fold Gates

A pair of old and deteriorating bi-fold gates were causing operational issues for the East Gate Shopping Centre in Sydney's eastern suburbs. Leda were subsequently asked to remove and replace them with new 3.0 metre high manually operated bi-folds.



The installation was required to be done after normal business hours and Leda's installation team worked over several nights to remove and replace the gates. As a consequence the project was successfully completed with minimal disruption to the loading dock area. The smooth swinging gates can now easily be opened and closed by the complex's security staff.

Tru-Gard Certified Barrier

Leda Security Products has recently been appointed by Tru-Built in New Zealand to distribute their certified Tru-Gard Barrier systems in Australia.

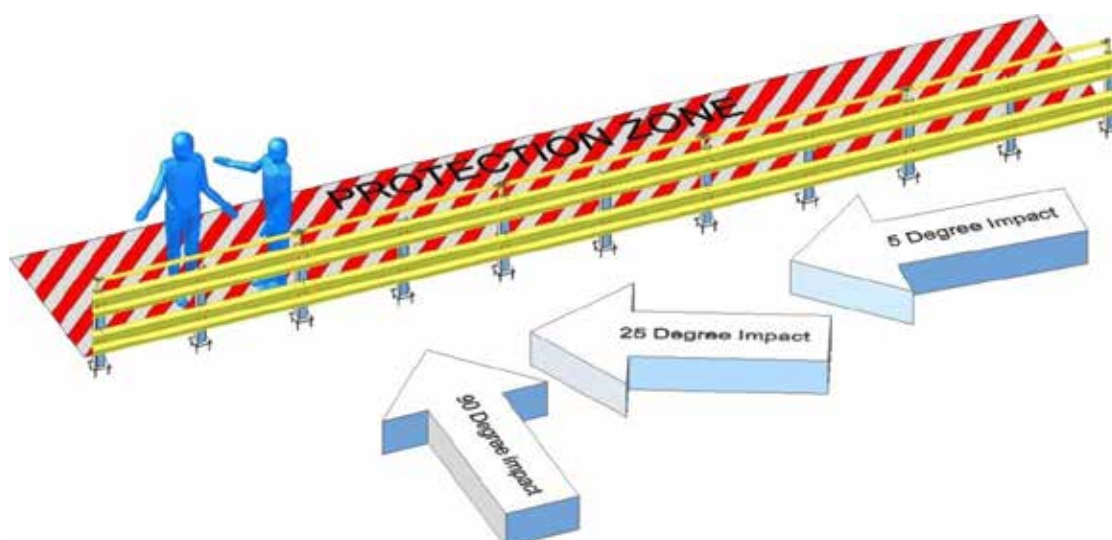


The Tru-Gard Barrier system has been extensively engineered with various 3D CAD modelling systems to ensure compliance with AS/NZS 1170.1. This includes analysis with FEA (Finite Element Analysis) which is a method for calculating stress in a structure when a force is

Tru-Gard is a certified barrier system, ideal for traffic management programs and providing protection against forklift damage to building and assets and exceptional safety for personnel. The modular system includes an extensive range of accessories and components configurable for almost any commercial or industrial layout, while the small Tru-Gard footprint makes it ideal for a wide variety of applications. Whether you want to prevent vehicle damage and the need for expensive repairs, strengthen your traffic control or simply provide super secure personnel protection - there's no stronger, safer, more cost-effective crash barrier system than a certified Tru-Gard Barrier.



applied. This has resulted in the Tru-Gard system being engineered for optimum performance in the event of a serious impact.



Belmont Airport Hangar Door

In our last newsletter we mentioned how Leda had won a contract to supply and install 2 Hangar doors for the Westpac Rescue Helicopter Service.



This followed nearly 12 months of preliminary design and engineering input to ensure the hangar and doors would meet the clients requirements and rapid response times.



DOCKS & DOORS

The first of these door installations has now been completed at Belmont using a counter balanced bi-fold door while the second door at Lismore Airport is scheduled for install later this month.



Interesting Panel Door

Leda's Victorian office recently installed an interesting panel door at a university building in Ballarat for H. Troon Builders.

What made this panel door interesting was that it was insulated and also fitted with pedestrian door access. The pedestrian door was fitted with a micro switch to ensure the main door was not able to be operated while the pedestrian access door was open. Ventilation panels were also built into the door as well.

NEWS

Shallow Mount Bollards

Installing shallow mount bollards can be a quick and economical solution. It alleviates the need for deep and expensive concrete footings or having to move other services.

These pictures at Lindfield Railway station show Leda's bollards being craned into position, reinforcement and connections added and concrete poured all in the same day. Stainless steel sleeves can then be fitted once the install is completed.



ATG Bollard & Barrier Handbook

ATG an English company represented in Australia by Leda has recently released a new updated handbook featuring all their PAS68 and the newer IWA14-1 European standard products.

ATG are renowned as the world's leading suppliers of high security, anti terrorist equipment, with all their products having tested to the above standards. One of the new products listed there is the *SP400 Suspended Slab Bollard* which is described in *page 4* of this Newsletter.

Leda Bollard Handbook

Hard copies of the new printed handbook (version 6) are now available. If you would like a copy of this informative and valuable handbook please contact your closest Leda sales office on 1300 780 450.

The handbook is also available in digital format and can be accessed by visiting the downloads section on our website www.ledasecurity.com.au



"Everybody at GBA enjoyed your CPD presentation, they said it was very engaging and informative, well done!!"

- Tony Camaroni, Architect
Guymer Bailey Architects, Brisbane

GUYMER BAILEY architects

"Thanks, Appreciated, well presented and a very knowledgeable presentation!!"

- Stephan Kryvoviza, Principal Architect
Dimension3 Architects

DIMENSION3 architects

CPD Feedback

Leda's technical staff have been conducting approved CPD courses on *bicycle parking* to hundreds of architects across the Eastern States of Australia for the past 2 years.

It is always encouraging to receive positive feedback as shown in these quotes.

Good Samaritan

We often hope that Leda employees will go that extra step when out in the field so it is always rewarding when we receive a compliment for one of our staff helping out.

"After hiking for 5 days doing over 100 kms in the bush we were finally on our way home for our 3 hour trip to Wodonga when our cars water hose broke. We had limited tools to fix it and all we wanted to do was get home when one of Leda's employees 'Simon' pulled over and offered his assistance. Simon had been working at the Snowy Hydro system here at Kosciusko.

Without Simon we would have been stranded on the side of the road with no phone service."

Well done Simon Boyd.



Making it happen

Often forgotten but equally important are the tradesmen and technicians at our Tuggerah plant that manufacture Leda's large range of products.

Robbie and Dave checking some shallow mount bollards before they are delivered to site for installation. Our Tuggerah factory has a staff of 45 employees and operates on a double shift and has been for several years.

Outstanding achievement

Leda's Managing Director presenting Amanda Dunn in our Queensland branch with our **Golden Bollard award**.

The award was given for outstanding sales results for the second half of 2016 when Amanda eclipsed all other sales staff around Australia with her high sales figures.

Well done Amanda.



MESSAGE FROM THE MANAGING DIRECTOR



Challenges for 2017

As we start 2017 all of us face different challenges for the year ahead. For us at Leda working smarter and reducing manufacturing costs are our high priority items.

After numerous steel price increases last year we started 2017 with another notice of a 10% increase in February 2017, which was not a good way to start the year. In endeavouring to remain competitive our Engineering and Design team have embarked on a number of R & D programs to re-design many of our core products. These include new modular "Track and Cantilever gates" where significant progress has been made to the point where they are currently being prototyped and tested. It has required overcoming a number of different Engineering issues and as always our Tuggerah Engineering team have found solutions.

Our Ningbo based design team have also been busy designing a new plastic wheel support which will eventually become a common part for many of our 'Securabike' bicycle racks.

While these are only two of the various programs that our Design and Production teams in Australia and China are working on at present, Leda is committed to researching ways and methods to improve our products across the board.

David R. Matthews

Managing Director

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