



## CASE STUDY

LOCATION:  
**RIVERSTONE, NSW**

STEEL PRODUCT:  
**ONESTEEL ZALCOTE® WIRE**

CUSTOMER:  
**AUSTRALIAN SECURITY FENCING PTY LTD**

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**SECUREMAX® DEFINITELY  
WOULDN'T BE THE  
QUALITY PRODUCT IT IS  
WITHOUT THE ONESTEEL  
WIRE. WE WANTED TO  
BUY FROM AND WORK  
WITH THE BEST STEEL  
COMPANY IN AUSTRALIA.**

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**STEVE ROSIER  
GENERAL MANAGER  
AUSTRALIAN SECURITY  
FENCING**

Zalcote® Wire has been specially designed for high security welded meshes and has superior corrosion resistance and strong tensile properties.

**FURTHER INFORMATION:** Contact OneSteel Direct  
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# Safe and Sound with Securemax®

## OVERVIEW

Securemax® is a complete high security fencing system utilizing fine welded steel mesh sheets, adjustable posts, rails and a variety of toppings. It is a perimeter barrier fence system, designed with high anti-climb/anti-attack benefits and a clean aesthetic appearance that belies its strength and security properties.

All-Australian made, Securemax® is manufactured specially for the security industry. Manufactured from 4mm OneSteel Zalcote® wire, the finger-proof mesh format is produced by machine contact welding at each intersection with an aperture of 71mm x 9mm that makes it extremely difficult to penetrate using conventional hand products.

Securemax® comes in a range of powder-coated colours and hot dipped galvanising to enable a fence to blend into the environment. The horizontal aperture gives a highly transparent finish to the fence line with minimum visual impact allowing clear camera surveillance to identify intruders.

## THE SOLUTION

The Zalcote® Wire used in Securemax® is specially designed for high security welded meshes.

The zinc aluminium alloy coating provides superior corrosion resistance and meets Australian Standards which state that in general external atmospheric conditions, a zinc/5% aluminium coating offers two to four times greater protection per unit coating mass than hot-dipped galvanised zinc coatings.

In addition, the wire's strong tensile properties also increase its resistance to penetration.

## THE VERDICT

Securemax® high security fencing is widely used throughout the country for its strength and anti-climb/anti-attack qualities. Some of its applications include power stations, shipping ports, airports, gas lines, correctional and detention centres, rail lines, roads and bridges.

It is also used by Integral Energy and Country Energy round all new sub-stations, as well as for the replacement of old fencing at several sites.

Acknowledged throughout the security industry as a quality fencing, Securemax® was nominated for the Best New Product at the 2004 Australia Security Industry Association Awards.

Australian Security Fencing (ASF) General Manager Steve Rosier said the success of Securemax® owed much to the quality of OneSteel Zalcote® Wire.

"Securemax® definitely wouldn't be the quality product it is without the OneSteel wire," Mr Rosier said.

In addition to Zalcote® wire, the ASF Securemax® security fencing system uses a significant quantity of high quality sheet steel supplied by OneSteel George Ward Sheet and Coil.

Mr Rosier said the development of Securemax® had been a three-year process and that ASF had installed high technology machinery to manufacture the Securemax fencing system.

When it came to sourcing wire, OneSteel was Mr Rosier's first choice.

"We wanted to buy from and work with the best wire and sheet steel company in Australia," Mr Rosier said, "and we've never looked back."

## ABOUT ONESTEEL

OneSteel is one of Australia's largest manufacturers and distributors of a range of steel products.

OneSteel's Zalcote® wire range is proudly Australian Made for Australian conditions.



# Zalcote®

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