

CORROMESH[®] 358

FENCING

Innovative, Cost-Effective High Security Fencing



A PREMIUM AUSTRALIAN PRODUCT
MADE FOR AUSTRALIAN CONDITIONS

CORROMESH[®]



CORROMESH® 358

LOW INVESTMENT HIGH SECURITY

Corromesh® provides a smooth traditional corrugated appearance belying the strong security characteristics of the mesh. The horizontal corrugations give the fence line a contemporary, stylish and distinctive appearance which suits the landscape and allows high levels of transparency. The rib design of Corromesh provides maximum strength, making it ideal where a very strong but simple appearance is required.

Corrugations allow Corromesh fencing to be stepped evenly over uneven landscapes to provide a continuous uninterrupted fence line.

Corromesh can be fixed to any style of post or structure. The corrugations in Corromesh provide security protection for the post fixings.

Corromesh sheets are able to be overlapped in any direction to form a continuous layer. Corromesh stacks and packs neatly for easy handling and delivery.



CORROMESH® 358

UNIQUE FEATURES

Corromesh® 358 security fencing is formed by inserting a continuous wave evenly over the width and length of the weld mesh panel. This wave profile allows for the Corromesh panels to be made continuous in either length or height.

Corromesh panels can be fitted to almost any structure from either the rear or front.

The Corromesh panel fixings become obscure by being placed in the valley of the weld mesh panel. The type and number of fixings used can be varied to suit the application's security level.





APPEARANCE

Corromesh® fencing is available in Zalcote® or any range of powder coat finishes. The narrow mesh aperture provides excellent visibility for cameras or surveillance and allows the mesh to blend unobtrusively into the background landscape. Corromesh gives a smooth aesthetic appearance belying its high security benefits.

APPLICATIONS

Corromesh® is suitable for any situation that requires a high security barrier with anti-climb, anti-cut qualities combined with an unobtrusive appearance.

- Parks and waterways fencing
- Council Depots
- Government Utilities:
 - Water, Electricity, Gas, Rail, Bridges etc.
- Industrial developments
- Schools

BENEFITS

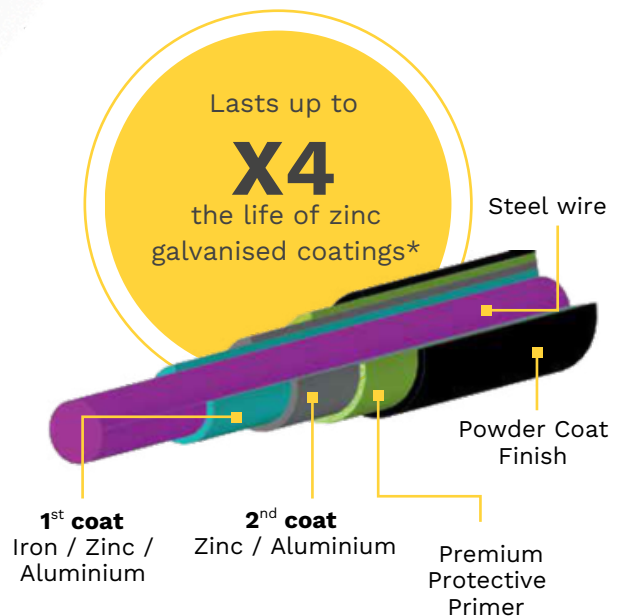
- ✓ Highly anti-corrosive zinc alloy finish
- ✓ Anti-climb, finger proof apertures with spike top
- ✓ Light weight, extremely rigid weld mesh sheet
- ✓ Quick and easy to install
- ✓ Can be retrofitted to existing posts (RHS, SHS, etc.)



SUPERIOR CORROSION RESISTANCE

It's made to the highest quality standards, using only premium quality Australian wire, incorporating Zalcote coatings (zinc alloy.) Zalcote coated wire has superior coating uniformity and alloy layer integrity, producing longer life with a smoother coating surface.

- 95% Zinc 5% Aluminium coated wire has superior corrosion resistance compared to galvanised wire, especially in marine environments.
- From salt spray test results, 5% Aluminium coated wire lasts 3-4 times longer than galvanised wire.
- In severe marine environments, 5% Aluminium coated wire has lasted more than 3 times longer than galvanised wire.

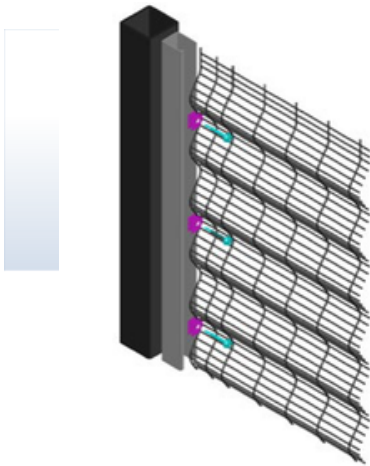


Powder Coated Corromesh® 358

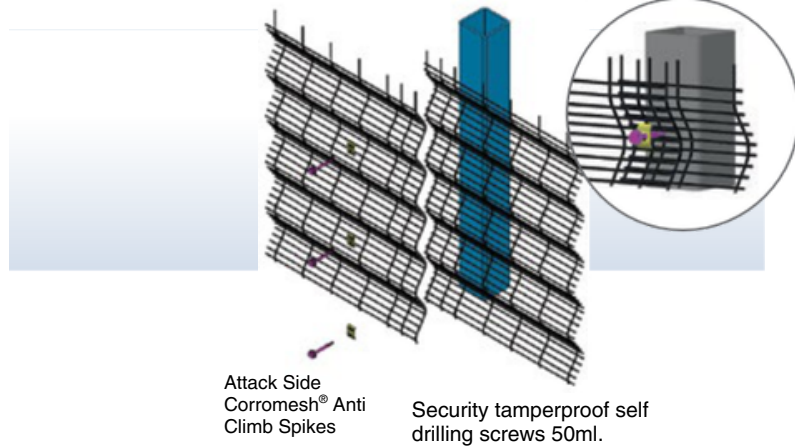
Now available with optional premium Zinc Chromate undercoat. This ensures powder coated Corromesh will stand up to the harshest conditions and still look good for years to come.



Typical Corromesh® Safety Channel
Side Fixing Detail



Typical Corromesh® Overlap Fixing Detail
Security Washer



FENCE POST

Corromesh using the channel is extremely retro-fittable and works with: RHS, SHS, CHS.

- 65 x 65 x 2.5mm RHS Post (1.8 Panel)
2500mm Long, Footing Depth 650mm
- 65 x 65 x 2.5mm RHS Post (2.1 Panel)
2900mm Long, Footing Depth 750mm
- 75 x 75 x 3.0mm RHS Post (2.4 Panel)
3300mm Long, Footing depth 850mm

FIXING DETAIL

- Corromesh Vertical Channels
- Corromesh U Clips (3 x Per Channel)
- Security Screws - 25mm or 50mm

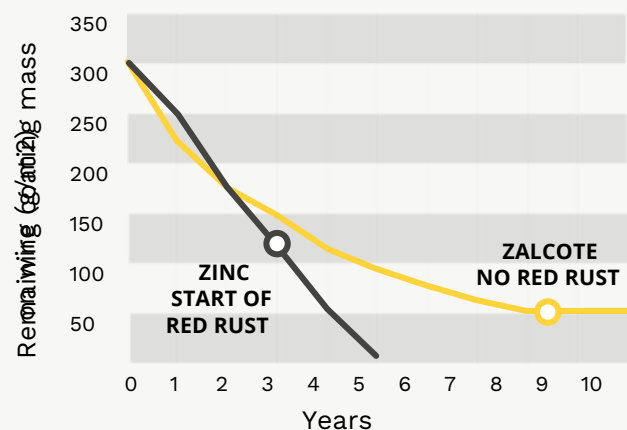
PANEL SIZES

- 2404mm Wide x 1800mm High
- 2404mm Wide x 2100mm High
- 2404mm Wide x 2400mm High
- 2404mm Wide x 2700mm High
- 2404mm Wide x 3000mm High

CORROMESH PATTERN

- 75mm x 13mm resistance welded at each intersection.
- Horizontal Wires 3.15mm dia. at 13mm centres.
- Vertical Wires 4.0mm dia. at 75mm centres.
- Extended at top to provide a spike topping.
 - 2 x Additional Vertical Edge wires at 37mm per panel.
- Mesh corrugations approximately 95mm pitch x 28mm deep overall.
- Standard sheet size 2404mm width x 1800, 2100, 2400mm height
- Tolerance: Width ± 2.00 mm Length ± 2.00 mm
- Formed top 50mm x 90 degree to support Razar Tape® (if required)

Corrosion Performance of Zinc and Zinc Alloy Coated 2.50mm Wires tested at a Severe Marine Environment (Belmont Beach)



CORROMESH MATERIAL

- Horizontal Wires 3.15mm drawn wire.
- Vertical Wires 4.0mm drawn wire.
- Tolerance ± 0.08 mm
- Yield strength 375-470MPa
- Tensile strength 500-625MPa
- Welded to minimum 60% of wire tensile strength
- Australian Standard for coating AS 4534-2006 W05
- Coating: Zinc Alloy 160-260 gsm sqm
- Australian Standard for coating AS 4534-2006

W05 Australian Security Fencing P/L

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