TetraWal™

HIGH QUALITY CORROSION RESISTANT STEEL FINISHES

Geelong Galvanizing specializes in providing high quality, corrosion protection finishes for steel products in the construction, landscaping and engineering industries.

For over 25 years we have galvanized steel components to AS/NZS4680, delivering superior corrosion protection and durability in wet or dry applications. Geelong Galvanizing fabricates customised steel components to cover a range of applications, including TetraWal Retaining Wall Solutions for residential installations or large scale land development jobs and TetraWal Building Products for residential projects.

Smooth concrete sleepers are joined with TetraWal H-sections. The Treated Pine paling fence is attached using custom-made fence cleats.

This stone retaining wall is topped with a timber slat fence using TetraWal custom-made fence cleats.

TETRAWAL RETAINING WALL SOLUTIONS

Our range of retaining wall options include hot dip galvanized steel joiner posts to create large or small scale retaining wall installations. TetraWal components are available as H-sections for straight walls, 90º sections to build right angled walls, 45º customised angles to create softer corners, T-sections, C-sections and End Caps to finish your project. Choose from an extensive range of set lengths or custom order for your project. Then complete your installation with our selection of sleepers. Choose from treated pine or concrete options in smooth face, woodgrain and quartz finishes.

We custom manufacture components at our Geelong plant to suit the load and height requirements of any residential or civil infrastructure project. Galvanized steel components offer the long-term corrosion performance required for large scale projects.

All TetraWal components are hot dip galvanized to AS/NZS4680 and comply with AS/NZS 3679-2010 for steel strength, composition and galvanized zinc protection.

This concrete sleeper retaining wall system uses TetraWal in black Duplex (paint over galvanized steel) H-sections & 45° angles. Custom fence cleats attach the timber railing to the retaining wall.

Stone embossed concrete sleepers are joined using TetraWal H-sections on straight wall joins & 45° customised angles. Custom fence cleats are used to attach the powder coated steel fencing.

We custom manufacture steel joiner posts for land development projects to support varying height requirements and load bearing specifications.

PROFILE CROSS SECTIONS

H Section | Cross Section | C Section | T Section | 45° Angle | 90° Angle

TETRAWAL BUILDING PRODUCTS

TetraWal's galvanized steel lintels include standard and ribbed angles that are designed to deliver optimal support and structural rigidity for brickwork over openings. Fully galvanized (including ends) to AS/NZS4680 for superior corrosion protection, TetraWal lintels are manufactured from 300MPa grade steel and finished with an average 600g/m^2 zinc coating for long life performance.

TetraWal lintels comply with AS 4100, AS 3700 and AS 4773 for load bearing capacity in residential installations and offer a durability rating of R3 in accordance with AS/NZS 2699.3. For extreme marine conditions, a Duplex coating may be applied (painted finish over galvanized coating) at our Geelong site, to achieve an R4 durability rating.

TetraWal lintels provide structural support for the brickwork over this double car garage.

Geelong Galvanizing provides a total service solution; cutting, fabricating, galvanizing and delivering product to site.

PROFILE CROSS SECTIONS

Angle
100mm x 100mm

Ribbed Angle
100mm x 100mm

Ribbed Angle
150mm x 100mm

DUPLEX COATING SYSTEMS

For installations exposed to marine conditions, a Duplex coating system (painted finish over galvanized coating) may be applied to lintels and retaining wall components at our Geelong facilities. Our paint team are PCCP certified for the application of high quality paint coating systems and managed by a qualified NACE inspector.

A Duplex coating achieves an R4 durability rating to maximise paint protection and minimise the maintenance requirements of your painted assets and infrastructure, delivering lower total life cycle costs.

PCCP
PAINTING CONTRACTOR
CERTIFICATION PROGRAM

NACE INTERNATIONAL

GEELONG GALVANIZING
PAINT • DUPLEX

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