

APPLICATION - KASIA NOMINEES PTY LTD (NON-CONFIDENTIAL)

**APPLICATION FOR
MINISTERIAL EXEMPTION OF GOODS FROM A
DUMPING DUTY AND/OR A COUNTERVAILING
DUTY NOTICE**

APPLYING TO

**Certain Hollow Structural Sections
Exported from
The People's Republic of China, the Republic of
Korea, Malaysia and Taiwan**

APPLICANT

Kasia Nominees Pty Ltd (T/A DE Engineers)

Pursuant to

**Subsections 8(7) and 10(8) of the *Customs Tariff
(Anti Dumping) Act 1975 (Cth)***

**APPLICATION FOR MINISTERIAL EXEMPTION FROM DUMPING
AND/OR COUNTERVAILING DUTY**

Kasia Nominees Pty Ltd, an importer of goods on which the following notices have been, or may be, published:

- a dumping duty notice ; and/or
- a countervailing duty notice,

in respect of

Certain Hollow Structural Sections exported to Australia from The People's Republic of China (**China**), the Republic of Korea (**Korea**), Malaysia and Taiwan,

hereby requests that the Minister, by notice in writing exempt the following goods:

electric resistance welded pipe made of carbon steel, comprising circular and hollow sections normally referred to as CHS (circular hollow sections) having a hot-dipped galvanised (HDG) finish, and a nominal size (NB) of either 25, 32, 40 or 50 millimetres (**the Exempt Goods**)

from:

- dumping duties pursuant to:
 - paragraph 8(7)(a) of the *Customs Tariff (Anti Dumping) Act 1975 (Dumping Duty Act)*; and/or
 - paragraph 8(7)(b) of the *Dumping Duty Act*; and/or
- countervailing duty pursuant to:
 - paragraph 10(8)(a) of the *Dumping Duty Act*; and/or
 - paragraph 10(8)(aa) of the *Dumping Duty Act*.

Evidence in support of this application for ministerial exemption is provided as follows:


- that like or directly competitive goods are not offered for sale in Australia to all purchasers on equal terms under like conditions having regard to the custom and usage of trade pursuant to paragraphs 8(7)(a) and 10(8)(a) of the *Dumping Duty Act* is provided in section B-1, and/or,
- that a Tariff Concession Order under Part XVA of the Customs Act 1901 in respect of the exempt goods is in force pursuant to paragraphs 8(7)(b) and 10(8)(aa) of the *Dumping Duty Act* is provided in section B-2

The following supporting information is contained in attachments to this application:

- Name, street and postal address, and form of business of the applicant (for example, company, partnership, sole trader) – see section A-1

PUBLIC FILE VERSION

- Name; title/position; telephone and facsimile numbers; and e-mail address of a contact within the organisation – see section A-2
- Name of consultant/adviser (if any) representing the applicant and a copy of the authorisation for the consultant/adviser – see section A-3
- Full description of the exported goods to which the application relates (the Exempt Goods) – see section A-4
- The tariff classification/statistical code of the Exempt Goods – see section A-5

Signature: 
for and on behalf of Kasia Nominees Pty Ltd

Name: Kevin Prater

Position: General Manager

Applicant
Company: Kasia Nominees Pty Ltd

Date: The 9th day of Dec 2013

APPLICATION FOR MINISTERIAL EXEMPTION

ATTACHMENT A – Applicant and Exempt Goods details

A-1 Name, street and postal address, and form of business of the applicant (for example, company, partnership, sole trader)

Applicant name : Kasia Nominees Pty Ltd
ABN : 26 529 822 454
Entity type : Proprietary company
Street address : 131 Clayton St Bellevue WA 6065
Postal address : Refer street address

A-2 Name; title/position; telephone and facsimile numbers; and e-mail address of a contact within the organisation

Company contact : Kevin Prater
Title/position : General Manager
Telephone contact : 08 9274 2632
Facsimile contact : 08 9274 6618
E-mail : kevin@deengineers.com.au

A-3 Name of consultant/adviser (if any) representing the applicant and a copy of the authorisation for the consultant/adviser

Consultant name : Arthur Vlahonasios
Position : International Trade Remedies Advisor
Organisation : Australian Industry Group
Telephone contact : 03 9867 0267
Facsimile contact : 03 9867 0157
E-mail : arthur.vlahonasios@aigroup.asn.au

*Attach an Authority to deal with representative at **Appendix A-3**.*

A-4 Full description of the exported goods to which the application relates

The exported goods to which the application relates are electric resistance welded pipe made of carbon steel, comprising circular and hollow sections normally referred to as CHS (circular hollow sections) having a hot-dipped galvanised (HDG) finish, and a nominal size (NB) of either 25, 32, 40 or 50 millimetres exported to Australia from China, Korea, Malaysia and Taiwan.

A-5 The tariff classification/statistical code of the imported goods

The goods are classified to tariff subheadings 7306.30.00 (statistical codes 31, 32, 33, 34, 35, 36 and 37), 7306.61.00 (statistical codes 21, 22 and 25) and 7306.69.00 (statistical code 10) in Schedule 3 of the *Customs Tariff Act 1995*.

APPLICATION FOR MINISTERIAL EXEMPTION

ATTACHMENT B – Basis that the notice is inappropriate

B-1 Evidence that like or directly competitive goods are not offered for sale in Australia to all purchasers on equal terms under like conditions having regard to the custom and usage of trade

1. In the last 12 months, has an enterprise produced and sold, in Australia, goods that are identical in all respects to the goods described in section A-4 of this Application?

YES, answer B-1.2 and B-1.3

NO, answer B-1.5

2. Name the enterprise that has produced in Australia, goods that are identical in all respects to the goods described in section A-4 of this Application?

3. Are these products available to all purchasers on equal terms under like conditions?

YES, the conditions for the making of a ministerial exemption have not been satisfied under paragraphs 8(7)(a) and 10(8)(a) of the *Dumping Duty Act*

NO, answer B-1.4

4. Provide evidence and explain why you consider that these products are not available to all purchasers on equal terms under like conditions.

Evidence can be in the form of sales invoices, sales contracts, sales reports or advertisements and brochures.

5. In the last 12 months, has an enterprise produced and sold, in Australia, goods that are like or directly competitive to the goods described in section A-4 of this Application?

YES, answer B-1.6 and B-1.7

NO, answer B-1.9

6. Name the enterprise that has produced in Australia, goods that are like or directly competitive to the goods described in section A-4 of this Application?

7. Are these products available to all purchasers on equal terms under like conditions?

YES, the conditions for the making of a ministerial exemption have not been satisfied under paragraphs 8(7)(a) and 10(8)(a) of the *Dumping Duty Act*

NO, answer B-1.8

8. Provide evidence and explain why you consider that these products are not available to all purchasers on equal terms under like conditions.

Evidence can be in the form of sales invoices, sales contracts, sales reports or advertisements and brochures.

9. Provide evidence and explain why you consider that these products are not like or directly competitive to the goods described in section A-4 of this Application?

Refer **CONFIDENTIAL ATTACHMENT B-1.9**

B-2 Evidence that a Tariff Concession Order under Part XVA of the Customs Act 1901 in respect of the exempt goods is in force pursuant to paragraphs 8(7)(b) and 10(8)(aa) of the *Dumping Duty Act*

1. Does a Tariff Concession Order under Part XVA of the *Customs Act 1901* is in force in respect of the goods described in section A-4 of this Application?

YES, answer section B-2.2 and B-2.3

NO, the conditions for the making of a ministerial exemption have not been satisfied under paragraphs 8(7)(b) and 10(8)(aa) of the *Dumping Duty Act*

2. Provide details of the Tariff Concession Order (TCO) Number, Operative Date and Declared Date

<i>TCO Number</i>	<i>Operative Date</i>	<i>Declared Date</i>

3. Provide extracts of relevant notices made pursuant to section 269R(1) of the *Customs Act 1901*.

Not applicable.

APPENDIX A3

Authority to Deal with Representative

I, *Kevin Prater, General Manager, Kasia Nominees Pty Ltd (T/A DE Engineers)*

An applicant for Ministerial exemption from dumping and/or countervailing duties in respect of

Certain Hollow Structural Sections exported from The People's Republic of China, the Republic of Korea, Malaysia and Taiwan

have engaged a representative

Arthur Vlahonasios, International Trade Remedies Advisor, The Australian Industry Group

for the purpose of this application.

I agree that the Anti-Dumping Commission may liaise directly with my representative, including for the release of confidential information.

Signed



09/12/2013

Dated:

SUBMISSION IN SUPPORT OF THE EXEMPTION APPLICATION

IN THE APPLICATION FOR
MINISTERIAL EXEMPTION
FROM INTERIM DUMPING AND
COUNTERVAILING DUTIES

KASIA NOMINEES PTY LTD (T/A
DE ENGINEERS
APPLICANT

SUBMISSION IN SUPPORT OF APPLICATION

From: Arthur Vlahonasios
Sent: Thursday, 23 January 2014 10:31 AM
To: FLOR Timothy (Timothy.Flor@adcommission.gov.au)
Cc: 'Kevin Prater'
Subject: Application - Ministerial Exemption - Hot Dipped Galvanised - Kasia Nominees Pty Ltd (t/a DE Engineers)

Dear Tim,

Following our telephone discussion yesterday, my client met with Orrcon who confirmed that they do not produce hot dipped galvanised pipe (see quotation attached, p. 2, [**CONFIDENTIAL ATTACHMENT 1**] and email from Orrcon, below [**CONFIDENTIAL ATTACHMENT 2**]).

Orrcon does produce a product known as AllGal that is made to a AS 4750-2003 ElectroGalvanised Zinc coating. 50 grams/m2 on each side.

Hot Dipped Galvanised pipe uses a different production process, meets different standards (AS1163 C250), has different physical features (300g/m3) and is put to different end uses (highly oxidising environments).

Therefore, to answer the questions, specifically asked in your 19 December 2013 email:

1. The Commission notes that Kasia has provided information relating to supply from OneSteel, but not the other HSS industry members. In the last twelve months, have any Australian industry members produced and sold in Australia:
 - a. goods that are identical in all respects; or

No, there is no Australian industry producing hot dipped galvanised pipe (see quotation from Orrcon) [CONFIDENTIAL ATTACHMENT 1**]**

- b. goods that are like or directly competitive

There is no Australian industry producing goods that are like or directly competitive to the imported hot dipped galvanised pipe (see quotation from Orrcon). [CONFIDENTIAL ATTACHMENT 1**]**

to the goods nominated by Kasia in its application for an exemption from anti-dumping measures?

Please provide evidence to support your answer.

2. From the applicant's knowledge of all products produced and sold in Australia, why are these Australian-made goods not like or directly competitive to the goods the subject of the exemption application?

AllGal (the electrogalvanised zinc coated product produced in Australia by Orrcon) competes with in-line galvanised finishes, but not hot dipped galvanised finishes, the two finishes are designed to address different Australian Standards (AS 4750-2003 and AS 1163), different physical characteristics (HDG has greater zinc coated finishes), undergoes different production processes (electrogalvanising and hot dipped galvanising).

In responding to this question, please include information regarding:

a. the end use of the subject goods; and

The different standards and finishes of AllGal (in-line or pre-galvanised pipe) are ideal for terrain based applications, but are not suitable for use in highly oxidising environments, such as submerged or salt water based environments.

Attached is a product brochure of the AllGal (in-line or pre-galvanised range of Orrcon) [NON-CONFIDENTIAL ATTACHMENT 3], and the mill certificate issued by the applicant's exporter [CONFIDENTIAL ATTACHMENT 4].

b. the substitutability of other goods.

By reason of the different standards, and different end-uses, there are limitation to the degree to which the AllGal product may be substituted for the HDG product – this is conceded in the product categorisation of Orrcon (see attached) [NON-CONFIDENTIAL ATTACHMENT 5]

Hot Dipped Galvanised

Hot Dip Galvanised finished products are perfect for jobs that require longer lasting protection against all weather and all conditions. HDG is suitable for use in a wide range of pipe related applications.

Hot Dip Galvanised coating is applied to both the external and internal surfaces with a minimum coating weight of 300g/m², applied in accordance with AS1650.

The standard end finish is a plain end. A range of optional end treatment is available subject to enquiry. This includes including roll grooved, shouldered and screwed on or both ends.

The standard stock length available is 6.5m. Non-standard lengths up to 12m are available, subject to enquiry and minimum order quantities.

3. Is there further information on why the goods are no longer available in Australia from OneSteel?

The reasons for the withdrawal from production by the Australian industry are not known to the applicant

Accordingly, in light of this further information, the applicant does not propose to withdraw his application

Please do not hesitate to contact me with any further questions.

Kind regards,

Arthur

Arthur Vlahonasios
International Trade Remedies Advisor

Australian Industry Group
Telephone: 03 9867 0267
Mobile: 0400 585 049
Email: arthur.vlahonasios@aigroup.asn.au
www.aigroup.com.au/traderemedies

From: Arthur Vlahonasios
Sent: Friday, 24 January 2014 4:15 PM
To: 'FLOR Timothy'
Cc: kevin@deengineers.com.au
Subject: RE: Ministerial Exemption - Kasia Nominees Pty Ltd (t/a DE Engineers)
[SEC=UNCLASSIFIED]

Thanks Tim,

The application relates specifically to certain hot dipped galvanised (HDG) steel tube, my instructions are that there are no Australian producers of HDG steel pipe.

The in-line or pre-galvanised steel pipe produced by Orrcon has been addressed in the additional information provided in my earlier email to you. Is there a suggestion that ITM in fact produces HDG steel pipe? If that is so, that is contrary to the best evidence my client has on the matter. Indeed, my review of the ITM website confirms that they produce a form of in-line or pre-galvanised pipe that is not the subject of the application, see below:

ITM-GAL™ product builds on the extensive groundwork of our UltraBlack™ range and takes it to new heights – with galvanised results. Utilising a pre-galvanised source material eliminates any inconsistencies in applied coating and offers a superior level of protection against the natural elements.

By utilising a 90g/m² Surface Coating Mass on both surfaces of the material, ITM-GAL™ tubular products come standard with excellent corrosion protection against white and red rust when compared to normal hot-dip galvanising processes.

Taking on the same focus of strength & ductility, ITM-GAL™ products have a key market advantage: compliance to AS/NZS1163:2009 and Grade C450L0, while displaying the same industry-high Elongation % (24-30%) as our UltraBlack™ range of products.

Source: <http://www.tubemills.com.au/itmgal/> (accessed 24/01/2014)

The issue of whether or not in-line/pre-galvanised HSS is “like or directly competitive” to the goods the subject of the exemption application (specifically HDG HSS), will be a matter for submissions by Orrcon and ITM in the context of the Commission’s inquiries

I hope that this provides some clarity on my client's position.

I would be happy to discuss this further with you.

Arthur Vlahonasios

International Trade Remedies Advisor

Australian Industry Group

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Email: arthur.vlahonasios@aigroup.asn.au

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An Australian Government Initiative



The International Trade Remedies Advisor is an independent but Australian Government funded position employed by the Australian Industry Group

ATTACHMENT TO SUBMISSION - NON-CONFIDENTIAL ATTACHMENT 3



ALLGAL
PROTECTION INSIDE AND OUT

Product Catalogue



we'll see it through



A Leading Australian Manufacturer of Structural Steel Hollow Section

Orrcon's ALLGAL steel hollow sections offer fabricators, builders and manufacturers so many benefits that it is now one of the leading range of zinc coated tubulars available on the Australian market today.

Whether it be a shade structure, cattle yard, bus shelter, floor framing or fence post, ALLGAL is now specified and used in a myriad of applications across Australia and New Zealand.

ALLGAL combines the strength and durability of structural steel with the corrosive protection properties of our unique duplex coating system which comprises a uniform and consistent electrogalvanized zinc coating and Clear-Tec clear polymer protective coating.

What makes ALLGAL® a Better Alternative?

ALLGAL is an excellent alternative to other in-line galvanized and hot-dip galvanized steel sections because:

- ALLGAL provides sound corrosion protection in mildly corrosive environments
- ALLGAL is faster, safer and easier to weld
- ALLGAL is easier and faster to laser process
- ALLGAL provides for a superior paint and powdercoat finish
- ALLGAL's zinc coating is easy to repair
- ALLGAL is safer to handle
- ALLGAL is available in Minipak quantities
- ALLGAL is available in a larger size range than other in-line galvanized steel hollow sections

Sound Corrosion Protection

ALLGAL's zinc coating combined with its Clear-Tec polymer coating results in a steel hollow section product which possesses sound corrosion protection properties in mildly corrosive environments.

ALLGAL is suitable for use in moderate to severe environments when top-coated in accordance with the following standard - AS/NZS 2312:2002.

Because ALLGAL is manufactured from steel which is zinc coated with high purity zinc on both sides prior to being cold-formed into hollow section, all ALLGAL products are protected from corrosion on the inside and out.

Although white rust is evidence that the zinc coating is doing its job, ALLGAL's Clear-Tec polymer coating increases the time before white rust commences.

The combination of high purity zinc and Clear-Tec results in ALLGAL products offering corrosion protection properties comparable with other galvanized products containing a higher zinc coating weight.



Faster, Safer & Easier to Weld

The thickness of ALLGAL's protective zinc coating is uniform and consistent making it easy to weld and causes considerably less weld spatter than hot-dip galvanized products.

ALLGAL's Clear-Tec polymer coating makes welding easier and cleaner as it reduces the potential for weld spatter to adhere to the steel section's surface.

Unlike hot-dip galvanized coated steel products which emit abundant potentially harmful fumes during welding, ALLGAL's protective zinc coating is lead free making welding safer.

ALLGAL is faster to weld than most other in-line galvanized and hot-dip galvanized steel sections as it can be welded at the same speed and setting as standard primed steel hollow sections.

ALLGAL is also easier to weld than most other in-line galvanized and hot-dip galvanized steel sections because arc initiation is similar to that of primed sections.

Easier and Faster to Laser Process

ALLGAL's smooth and consistent zinc coating thickness results in ALLGAL being up to 20 percent faster in terms of laser cutting compared to in-line galvanized, hot-dip galvanized and painted steel hollow sections.

Superior Paint and Powdercoat Finish

ALLGAL's unique smooth and consistent zinc coated surface provides an ideal substrate for powder-coating compared to hot-dip galvanized steel products which can be prone to surface unevenness and flaking.

Safer to Handle

The smooth surface finish of ALLGAL products makes them safer to handle than traditional hot-dip galvanized products which often contain sharp protrusions caused by the galvanizing process.

Easy to Repair & Apply Additional Zinc-based Paint Coatings

There may be situations where the repair or (re)application of additional protective zinc-based paint coatings to ALLGAL products may be required.

Liquid ALLGAL has been developed by Orrcon to complete the ALLGAL system.

Liquid ALLGAL is Orrcon's high content and high purity zinc-based cold galvanized protective paint coating product specifically designed for use on Orrcon ALLGAL steel hollow sections. When used in accordance with the manufacturer's instructions, Liquid ALLGAL provides an effective method of repair and maintenance of ALLGAL's protective zinc coating and provides an excellent colour match. Liquid ALLGAL is available in 400 gram net aerosols and 20 litre drums.






Product Availability and Size Range

All ALLGAL products are available in MiniPak quantities (approximately half the quantity of full packs) which means customers can hold smaller stock quantities.

ALLGAL is available in a larger range of sizes compared to other in-line galvanized products.

CIRCULAR HOLLOW SECTION 					
NB (mm)	OD (mm)	t (mm)		ALLGAL (Grade C350L0)	ALLGAL (Grade C250L0)
20	26.9	2.0	XL	✓	
20	26.9	2.3	L	✓	
20	26.9	2.6	M		✓
25	33.7	2.0	XL	✓	
25	33.7	2.6	L	✓	
25	33.7	3.2	M		✓
32	42.4	2.0	XL	✓	
32	42.4	2.6	L	✓	
32	42.4	3.2	M		✓
40	48.3	2.3	XL	✓	
40	48.3	2.9	L	✓	
40	48.3	3.2	M		✓
50	60.3	2.3	XL	✓	
50	60.3	2.9	L	✓	
50	60.3	3.6	M		✓
65	76.1	2.3	XL	✓	
65	76.1	3.2	L	✓	
65	76.1	3.6	M		✓
80	88.9	2.6	XL	✓	
80	88.9	3.2	L	✓	
80	88.9	4.0	M		✓
90	101.6	3.2	L	✓	
90	101.6	4.0	M	✓	✓
100	114.3	3.2	XL	✓	
100	114.3	3.6	L	✓	
100	114.3	4.5	M	✓	✓
125	139.7	3.0	XL	✓	
125	139.7	3.5	L	✓	
125	139.7	5.0	M	✓	✓
150	165.1	3.0	XL	✓	
150	165.1	3.5	L	✓	
150	165.1	5.0	M	✓	✓

Note: Available in standard lengths of 6.5 metres



Grade C350L0	
dx _b (mm)	t (mm)
20x20	1.6
25x25	1.6
25x25	2.0
25x25	2.5
25x25	3.0
30x30	1.6
30x30	2.0
30x30	2.5
30x30	3.0
35x35	1.6
35x35	2.0
35x35	2.5
35x35	3.0
40x40	1.6
40x40	2.0
40x40	2.5
40x40	3.0
40x40	4.0
50x50	1.6
50x50	2.0
50x50	2.5
50x50	3.0
50x50	4.0
50x50	5.0
65x65	1.6
65x65	2.0
65x65	2.5
65x65	3.0
65x65	4.0
65x65	5.0
75x75	2.0
75x75	2.5
75x75	3.0
75x75	3.5
75x75	4.0
75x75	5.0
89x89	2.0
89x89	3.5
89x89	5.0
100x100	2.0
100x100	2.5
100x100	3.0
100x100	4.0
100x100	5.0
125x125	4.0
125x125	5.0

Note: 20x20 to 25x25mm available in standard lengths of 6.5 metres.
30x30mm and greater available in standard lengths of 8.0 metres.

Grade C350L0	
dx _b (mm)	t (mm)
38x25	1.6
38x25	2.0
50x25	1.6
50x25	2.0
50x25	2.5
50x25	3.0
65x35	1.6
65x35	2.0
65x35	2.5
65x35	3.0
75x25	1.6
75x25	2.0
75x25	2.5
75x50	1.6
75x50	2.0
75x50	2.5
75x50	3.0
75x50	4.0
75x50	5.0
76x38	1.6
100x50	1.6
100x50	2.0
100x50	2.5
100x50	3.0
100x50	3.5
100x50	4.0
100x50	5.0
125x75	2.0
125x75	3.0
125x75	4.0
125x75	5.0
150x50	2.0
150x50	2.5
150x50	3.0
150x50	4.0
150x50	5.0
150x100	4.0
150x100	5.0

Note: 38x25mm available in standard lengths of 6.5 metres.
50x25mm and greater available in standard lengths of 8.0 metres.

Grade C350L0	
dx _b (mm)	t (mm)
62x50	2.0
62x50	2.5
62x50	4.0

Grade C350L0	
dx _b (mm)	t (mm)
59x30	1.6
59x30	2.0
97x42	2.0
97x42	2.5
115x42	2.0
115x42	2.5

Note: Design Rail & Yard Rail are available in standard lengths of 6.1 metres.
They are also available in 8.0 metre lengths on request.
Note: MOQ may apply.



ALLGAL Specifications

ALLGAL is manufactured to the following Australian Standards:

AS 1163 – 1991 Structural Steel Hollow Sections.
AS 4750 – 2003 ElectroGalvanized (zinc) coatings on ferrous hollow and open sections.

Orrcon's manufacturing process results in ALLGAL steel hollow sections containing an average zinc coating mass of 50 grams/m² on each side (total average coating mass of 100 grams/m²). The external surface is sealed with a Clear-Tec polymer coating.

Applications

ALLGAL structural steel hollow sections are suitable for a multitude of applications including:

Agricultural / Manufacturing:

- Stock Yards
- Fence Posts & Rails
- Agricultural Implements
- Sheds and Silos
- Trailers
- Truck, Bus & Caravan Chassis
- Truck bodies
- Racking Systems
- Shelving Systems
- Conveyors
- Material Handling Equipment
- Rolling Garage Door Axles
- Roller Shutter Axles
- Sectional Garage Door Axles
- Machinery & Equipment
- Cattle Crushes
- Playground Equipment
- Pool & Garden Fencing
- Gates
- Bus Shelters
- Shade Structure Framework (including sails, blinds, awnings, gazebos, shade houses, umbrellas)

Construction:

- Architectural & Structural Columns
- Roof Framing
- Wall Framing
- Floor Framing
- Deck and Verandah Framing
- Pergola Framing
- Balustrade & Handrail
- Space Frames, Trusses





Notes:

General Information Regarding Installation, Storage & Handling of ALLGAL Products

ALLGAL steel hollow section products are only recommended for use in mildly corrosive environments and should not be used in environments exposing the product to soluble salts containing chlorides, nitrates and sulphates. When combined with moisture, these chemicals can attack the zinc coating and steel substrate causing accelerated corrosion.

Environments susceptible to acid rain, chemical spillage, animal waste, fertilisers and particularly those within one kilometre of coastal areas or other salt laden environments such as inland seas and lakes are considered harshly corrosive and are not suitable for ALLGAL unless further corrosion preventative measures are taken such as painting with an epoxy, polyurethane, oil-based topcoat or powder coating.

Where ALLGAL products must be used in corrosive environments, thicker high purity zinc coatings such as liquid ALLGAL should be applied prior to original installation and on an ongoing basis post installation. Where installed in salt-laden environments, ALLGAL products should be regularly washed down with clean water to remove salt deposits.

The life and performance of ALLGAL steel hollow sections will be prolonged where the products are applied, installed or used in an upright position or at such an angle which facilitates run-off of water and moisture due to gravity. Water or moisture which ponds on ALLGAL surfaces can cause white rust and may eventually lead to red rust. Where water and moisture does not run-off due to gravity or allowed to sufficiently dry, ALLGAL steel products must be inspected from time to time and wiped down to prevent the possibility of corrosion. Any indication of corrosion should be treated immediately by applying an appropriate corrosive protection product according to manufacturer's directions for use. Liquid ALLGAL is ideal in these cases. Note that whilst products such as Liquid ALLGAL assist in maintaining corrosive protection properties, they will not remedy any impact on the structural integrity of ALLGAL products caused by corrosion.

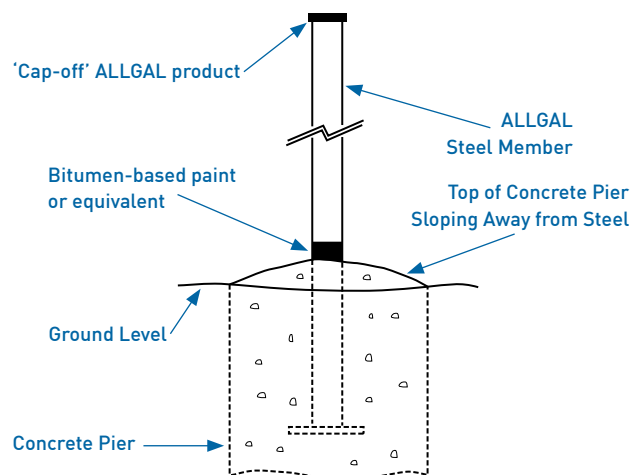
Cap ends of ALLGAL products where used in applications which can potentially allow water or moisture to enter the hollow area of the product.

Additional Precautions when Installing ALLGAL Products in the Ground

As with all galvanized products, the following precautions should be followed to obtain best results when installing ALLGAL in the ground:

- Prior to installation, coat section of steel in contact with concrete or earth with a bitumen-based paint product such as Ormonoid according to the manufacturer's directions for use. Bitumen paint should ideally coat 100mm of the steel above ground so as to ensure that moisture does not remain in contact with the steel.
- In addition, where ALLGAL products are installed into concrete piers, ensure the top of the concrete pier is above ground level providing a barrier between the earth and steel. Ensure the top of the concrete pier slopes away from the ALLGAL product to allow water and moisture to run away from the base of the steel.
- Under no circumstances should water or moisture be allowed to pond around the steel.

Installation of ALLGAL Steel Hollow Sections in Concrete Piers



Repair and Maintenance of ALLGAL's Protective Electrogalvanized Zinc Coating

Depending on the product's application, method of transportation, storage and handling, ALLGAL's protective zinc coating may encounter damage which can adversely affect the product's life. The coating should be repaired immediately with an appropriate product such as Liquid ALLGAL in accordance with the manufacturer's directions for use.

Exposed edges resulting from cutting, sawing or other work should be repaired immediately using an appropriate product such as Liquid ALLGAL according to the manufacturer's directions for use.

Storage Instructions

Avoid pack storage in external conditions or those susceptible to moisture. If storing ALLGAL in wet or moist conditions, separate individual lengths storing them off the ground so they can adequately dry. No galvanized steel products should remain in surface contact with each other under continually damp conditions as they will eventually develop white rust.

Powder-coating

Where users of ALLGAL are considering the application of powder-coating, some surface preparation of ALLGAL products may be required as powder-coating pre-treatment processes vary.

Contact Orrcon for more in-depth information regarding all technical aspects of ALLGAL accessible from www.orrcon.com.au



Product Catalogue



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Orrcon ALLGAL® Product Catalogue
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Hot Dipped Galvanised

Hot Dip Galvanised finished products are perfect for jobs that require longer lasting protection against all weather and all conditions. HDG is suitable for use in a wide range of pipe related applications.

Hot Dip Galvanised coating is applied to both the external and internal surfaces with a minimum coating weight of 300g/m², applied in accordance with AS1650.

The standard end finish is a plain end. A range of optional end treatment is available subject to enquiry. This includes including roll grooved, shouldered and screwed on or both ends.

The standard stock length available is 6.5m. Non-standard lengths up to 12m are available, subject to enquiry and minimum order quantities.

[Click here for all enquiries](#)

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