



# DURAGAL<sup>®</sup>

## DURAGAL<sup>®</sup> RHS

SILVER FOR THE PRICE OF STEEL

The company that  
published this work is now  
in a joint venture company  
named **Australian Tube Mills**.  
For technical support or sale  
enquiries please contact  
**Australian Tube Mills**.

**onesteel**  
market mills



# DURAGAL<sup>®</sup> RHS

## Designed to Trim Your Costs

DuraGal<sup>®</sup> DualGrade<sup>®</sup> RHS, manufactured in Australia by OneSteel Market Mills, has become the material of choice in a wide range of applications in the building & construction, engineering, fencing, rural, transport and resource markets.

Available in a large range of popular sizes and thicknesses, the superior benefits of higher strength and the DuraGal<sup>®</sup> surface finish are designed to help trim your costs.

## High Strength

All DuraGal<sup>®</sup> DualGrade<sup>®</sup> RHS is manufactured to comply with AS 1163, and meets the requirements of both Grade C350L0 and Grade C450L0, giving you the benefits of the higher strength of Grade C450L0 while maintaining ease of fabrication.

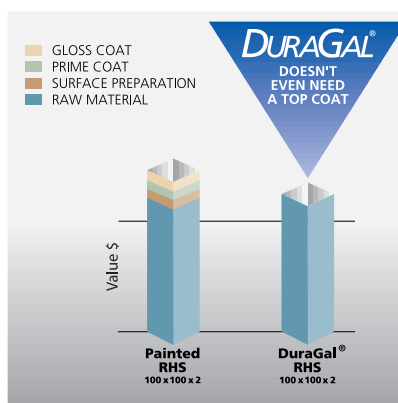
In many applications, DuraGal<sup>®</sup> allows you to take advantage of the higher mechanical properties and design with a lighter wall thickness, reducing the cost and making handling easier.

DuraGal<sup>®</sup> is easy to weld with standard consumables. (Refer to the DuraGal<sup>®</sup> Easy Welding Guide for more information at [www.onesteel.com](http://www.onesteel.com))

## DuraGal<sup>®</sup> Surface

DuraGal<sup>®</sup> DualGrade<sup>®</sup> RHS features an In-line Hot-dip Galvanized surface finish, and complies with AS/NZS 4792: ILG100.

The DuraGal<sup>®</sup> process, pioneered and developed in Australia by OneSteel Market Mills, provides a smooth and uniform galvanized coating that can practically eliminate the costs incurred by shot blasting and cleaning. In many cases, such as internal or non-corrosive environments DuraGal<sup>®</sup> may not even require painting at all.



## Made in Australia to Australian Standards



## Our Commitment to You

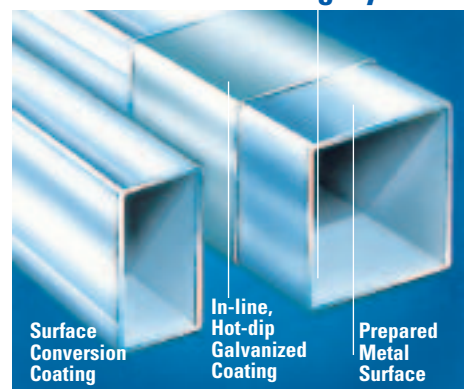
OneSteel Market Mills is one of the largest manufacturers of steel hollow sections in Australia, and in today's competitive world, you can be sure that our ongoing commitment to technical research, quality in manufacture and the highest level of customer service will continue to provide innovative solutions.

## Why You Should Specify DuraGal<sup>®</sup> DualGrade<sup>®</sup> RHS

**DuraGal<sup>®</sup>: Complies with Grades C350L0 and C450L0 of AS 1163: Structural Steel Hollow Sections.**

1. Design more economically with stronger and lightweight sections.
2. L0 = impact tested steel suitable for low temperature applications.
3. Consistent quality and dimensional tolerances.
4. Easy to weld, no special heat treatment required, uses readily available welding consumables.

## DuraGal<sup>®</sup> RHS Coating System



# DualGrade® RHS

## “SILVER FOR THE PRICE OF STEEL”



5. DuraGal® complies with AS 1163 and meets the material requirements for design to AS 4100: Steel Structures, and other Australian design codes.

**DuraGal®: In-Line Hot-dip galvanized coating complies with AS/NZS 4792:ILG100.**

6. The prepared surface practically eliminates the costs of shot blasting and cleaning after fabrication.

7. Smooth consistent surface finish means its ready to paint or powder coat.

8. The galvanized coating allows DuraGal®

to be used uncoated in many non-corrosive applications.

9. 100% uniform galvanized coating - No weld line repair.

**DuraGal®: Australian Made, large range, readily available, plus technical support.**

10. All DuraGal® RHS is manufactured right here in Australia.

11. The Family of DuraGal® Products® offers the largest range of In-Line Galvanized steel sections, DuraGal® CHS, DuraGal® RHS, DuraGal® Profiles (Angles,

Channels and Flats) .

12. Readily available through an extensive distributor network.

13. DuraGal® is supported by ongoing research, plus technical literature is available from OneSteel Direct or our web site at [www.onesteel.com](http://www.onesteel.com)

### Size Range

DuraGal® RHS AS 1163:C450L0									
Size d x b	Standard Length (m)	Thickness - mm							
		1.6	2.0	2.5	3.0	3.5	4.0	5.0	6.0
150 x 50	8	-	6.07	7.53	8.96	-	11.6	14.2	16.7
125 x 75	8	-	6.07	7.53	8.96	-	11.6	14.2	16.7
100 x 50	8	3.64	4.50	5.56	6.60	7.53	8.49	10.3	12.0
75 x 50	8	3.01	3.72	4.58	5.42	-	6.92	8.35	9.67
75 x 25	8	2.38	2.93	3.60	-	-	-	-	-
65 x 35	8	-	2.93	3.60	4.25	-	-	-	-
50 x 25	8	1.75	2.15	2.62	3.07	-	-	-	-
50 x 20	8	1.63	1.99	2.42	2.83	-	-	-	-
DuraGal® SHS AS 1163:C450L0									
100 x 100	8	-	6.07	7.53	8.96	-	11.6	14.2	16.7
90 x 90	8	-	5.45	6.74	-	-	-	-	-
75 x 75	8	-	4.50	5.56	6.60	7.53	8.49	10.3	12.0
65 x 65	8	3.13	3.88	4.78	5.66	-	7.23	8.75	10.1
50 x 50	8	2.38	2.93	3.60	4.25	-	5.35	6.39	-
40 x 40	8	1.88	2.31	2.82	3.30	-	4.09	-	-
35 x 35	8	1.63	1.99	2.42	2.83	-	-	-	-
30 x 30	8	1.38	1.68	-	-	-	-	-	-
25 x 25	6.5	1.12	1.36	1.64	1.89	-	-	-	-
20 x 20	6.5	0.873	-	-	-	-	-	-	-

kg/m

Other thicknesses and lengths subject to enquiry



**FOR MORE INFORMATION PLEASE CONTACT:**

**ONESTEEL DIRECT**

**39-45 Flagstaff Road Port Kembla NSW 2505**

**Locked Bag 8825 South Coast Mail Centre NSW 2521**

**Phone: 1800 1 STEEL (1800 1 78335) Fax: 1800 101 141**

**E-mail: [onesteeldirect@onesteel.com](mailto:onesteeldirect@onesteel.com)**

**Website: [www.onesteel.com](http://www.onesteel.com)**

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