

## CONTIN-SLATS ALUMINIUM SCREENING

September 2013

Product Details & Distribution



*SUPERIOR QUALITY*

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*COMPETITIVE PRICING*

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*DESIGNED FOR EASY INSTALLATION*

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## About us

### ABOUT US

*Continental Solution Int'l Ltd is a company based in China region that are specializing in supply chain solutions.*

*We focus on procurement & strategic sourcing, quality inspection service and logistic management service for our global clients. Understanding and knowing China in business side is one of our greatest advantages to serve you in every aspect of procurement process.*

#### Continental Solution

Continental Solution is founded in 2008, our headquarter is located in Wuxi, Jiangsu Province. Over the year, we has built a reputation for providing quality and professional services to a wide range of clients in supplying and distributing products in various industries. Our expertises allow us to deliver rapid and measurable results for your business.

#### What We do

At Continental Solution, we are committed to providing quality services to our clients. To help meet our clients' needs, with extensive industry knowledge, focus and experience, we provide procurement and sourcing service, quality control & inspection, logistics management, and many more. With our streamlined service which covers every aspect of procurement process as we take care every thing for you before, during and after procurement.

#### Why Us

We distribute and supply products strictly follow client's requirement and quality standards, and take the great advantage of China manufacturing capability to improve your business margin and strength the business competitiveness. We are flexible to work with our clients on specified needs and requirements.

## ALUMINUM SCREENING

**CONTIN-SLATS** is extremely lightweight, with exceptional performance with weather resistance. Innovative design, Easy-To-Install aluminum slat screening system offering the latest in architectural style through a tough, long lasting, low maintenance fencing solution

Our slats system are using 6063-T5 high strength aluminum to ensure long lasting and worrying-free maintenance. The powder coating finish has minimum 10 years warranty, with optional 20 years of PVDF Coating available.

Aluminium Slats Fencing has been gradually replacing the Colorbond Fencing, as it has better appearance and luminance of garden while the privacy still well protected.



## ALUMINUM 6063-T5

T5 temper 6063 has an ultimate tensile strength, provides good resistance to general corrosion, including resistance to stress-corrosion cracking. It is easily welded or brazed by various commercial methods with the caution that direct contact by dissimilar metals can cause galvanic corrosion.

### Aluminum Alloy 6063-T5

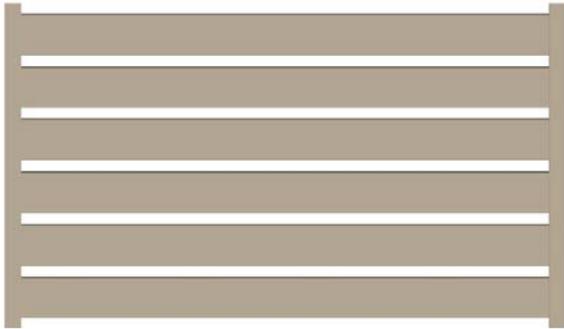
Physical Property	Value
Density	2.70 g/cm <sup>3</sup>
Melting Point	655 °C
Thermal Expansion	23.4 x10 <sup>-6</sup> /K
Modulus of Elasticity	69.5 GPa
Thermal Conductivity	166 W/m.K
Electrical Resistivity	0.040 x10 <sup>-6</sup> Ω .m
Electrical Resistivity	52 % IACS

Mechanical Property	Value
Tensile Strength	186 MPa
Elongation A5	12 %
Shear Strength	117 MPa
Hardness Vickers	70 HV
Fatigue Strength	68.9 MPa

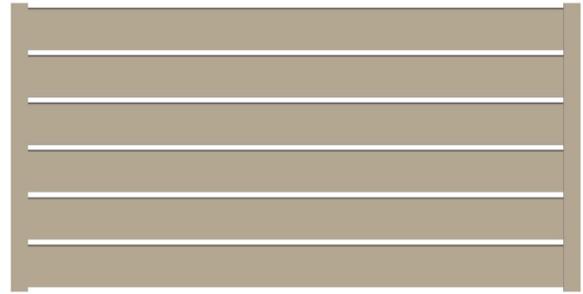
### Chemical Composition

Component	Wt. %	Component	Wt. %	Component	Wt. %
Al	Max 97.5	Mg	0.45-0.9	Si	0.2-0.6
Cr	Max 0.1	Mn	Max0.1	Ti	Max 0.1
Cu	Max 0.1	Other, each	Max0.05	Zn	Max 0.1
Fe	Max 0.35	Other, Total	Max0.15		

## SLATS SPACINGS



20mm Spacing



9mm Spacing

9mm Spacing		20mm Spacing	
Screen Height	Slats Req.	Screen Height	Slats Req.
848mm	10	969mm	10
932mm	11	1064mm	11
1016mm	12	1159mm	12
1100mm	13	1254mm	13
1184mm	14	1349mm	14
1268mm	15	1444mm	15
1352mm	16	1539mm	16
1436mm	17	1634mm	17
1520mm	18	1729mm	18
1604mm	19	1824mm	19
1688mm	20	1919mm	20
1772mm	21	2014mm	21
1856mm	22	2109mm	22
1940mm	23	2204mm	23
2024mm	24	2299mm	24
2108mm	25	2394mm	25
2192mm	26	2489mm	26
2276mm	27	2584mm	27
2360mm	28	2679mm	28



9mm Spacing Upright



20mm Spacing Upright

The slots in the uprights are designed for easy installation without using fixing clips, each slots are milled individually with absolute precision by computerized milling machinery.

Spacing between slats can be customized to order if reach minimum quantity requirement, length of slats and upright comes with standard size, we are also flexible to supply in various length.

## THE SUPER EASY DESIGN FOR INSTALLATION



Fencing Slats

Gate A Series

Gate B Series

### Fencing Upright:

Dimension: 30mmX25mm

Thickness: 1.5mm

Length: 3.7M standard size

Weight: 0.451kg/m

### Gate Upright:

Dimension: 51mmX51mm

Thickness: 2.5mm

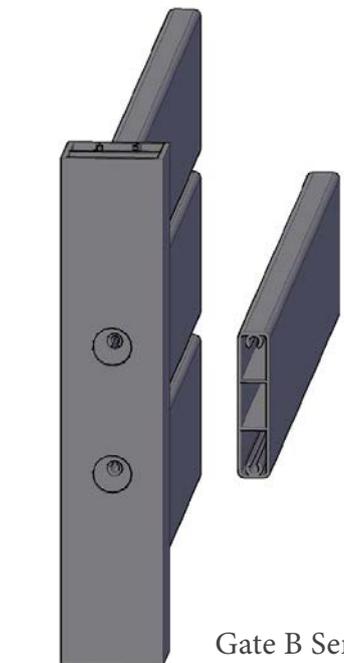
Length: 5M standard size

Weight: Gate A 1.406kg/m

Gate B 1.617kg/m

CONTIN-SLATS system is designed for easy installation, unlike other slats system requires screws to connect slats and uprights, it can be done in just one go in timely manner.

In installation process, the slats are pushed into the upright slots, the four legs are tied up strongly to hold up the slats, such smart design has great benefit of cheaper installation cost and cost effective design gives builder much desired pricing competitiveness.



Gate B Series

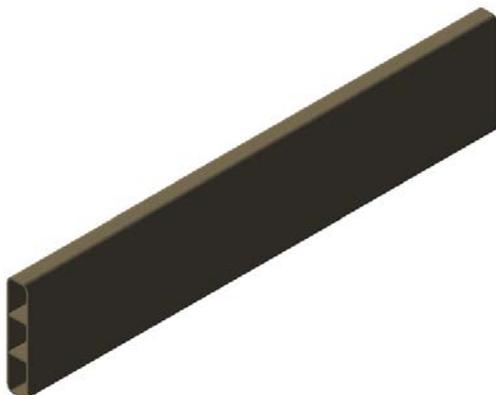
### Slats Specifications

Dimension: 76mm X 16mm

Thickness: 1.5mm

Length: 5M Standard, Various Length Available.

Weight: 0.788kg/m



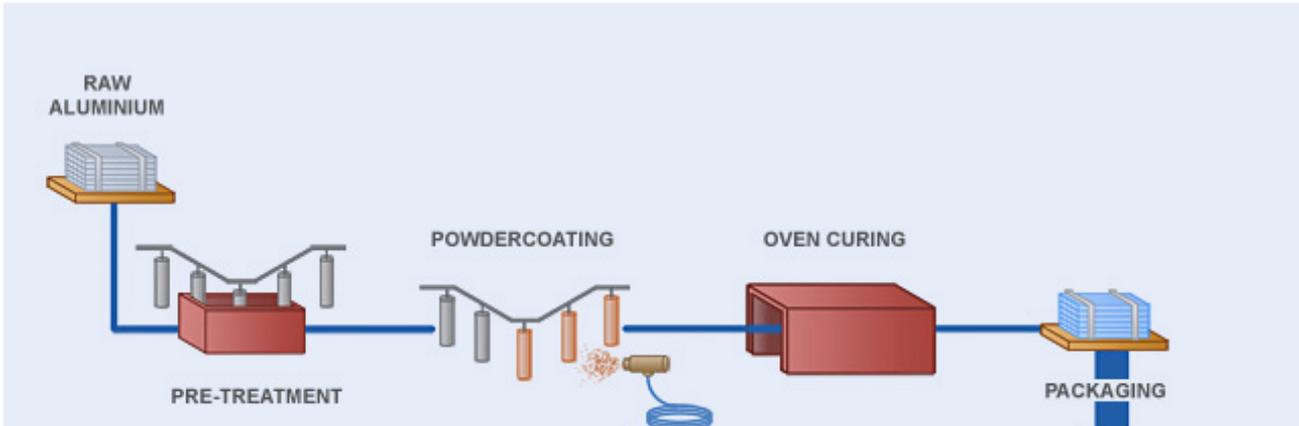
The Slats are designed with two loads frame without rivets, screw and welding, and gives high durability against external forces.

The Gate B has specific design for strength, and external two holes are used for screwing with walls, and internal two holes are used for screw with the slats for strongness of the grate structure.

## PRE-TREATMENT

Aluminium has a tendency to undergo natural oxidation forming a thin layer of aluminium oxide on the surface. Apart from this, commonly known process of anodizing also leaves layer of aluminium oxide under the influence of electric current. This is not a good base to apply powder or any other coating. Hence, it must be removed before powder coating.

### Powder Coating Process



## POWER COATING FINISH

All CONTIN-SLATS System are finished with power coating treatment, with the benefit of low maintenance and high durability under versatile Australia climate.

We adopt JOTUN powder products, Interpon also can be used if client specified, and coating process is under ASTM D3451 Standards, to ensure the coating are free of warp, crack and splinter.

Our power coating has 7 years warranty on color and coating, with options to upgrade to 15 or 20 years warranty.



## COLORS EXAMPLES



### Standard Solid Color

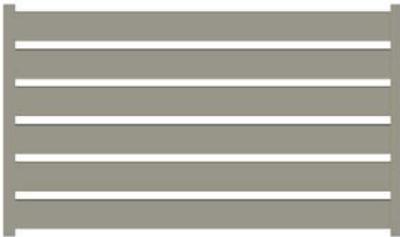
There are most popular four standard colors available: Grey Ridge, Summershade, Domain and Black



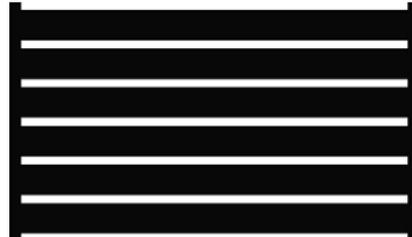
DOMAIN



GREY RIDGE



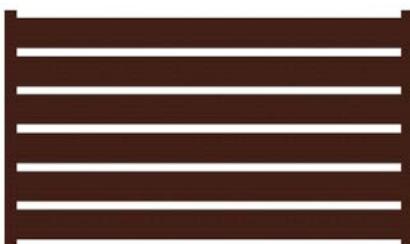
SUMMERSHADE



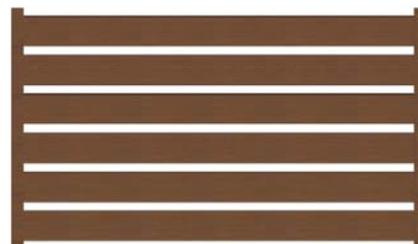
BLACK

### Timber Looks Finish

All our wood grain timber finish are done by power coating, unlike others are using cheaper timber imaging techniques, it has much better performance on durability and touch, look like real wood.



WESTERN AUSTRALIA CEDAR



LIGHT OAK

## COLOR CHART

Our Color Chart are based on Bluescope Colorbond® Color Schemes, we also able to match at any unlisted color, if color swatch sample or color code (Pantone Color System) provided, with 95% color matching.



Red Oak\*

CMYK: 0, 85, 100, 60



Bluestone\*

CMYK: 65, 10, 0, 78



Grey Ridge\*

CMYK: 11, 0, 15, 79



Evergreen\*

CMYK: 92, 52, 83, 15



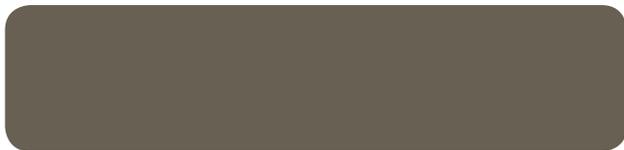
Hedge\*

CMYK: 70, 60, 70, 0



Willow\*

CMYK: 64, 34, 54, 6



Estate\*

CMYK: 72, 69, 79, 0



Meadow\*

CMYK: 48, 26, 49, 0



Riversand\*

CMYK: 0, 12, 21, 39



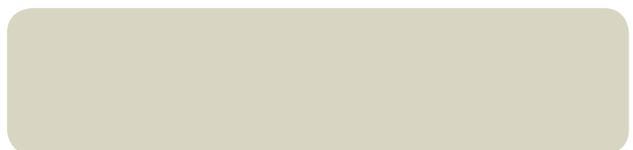
Teatree\*

CMYK: 0, 0, 15, 50



Harvest\*

CMYK: 12, 18, 42, 0



Summershade\*

CMYK: 15, 11, 23, 0



Terrace\*

CMYK: 10, 16, 26, 0



Domain\*

CMYK: 0, 6, 19, 2

## TIMBER COATING FINISHES

Our Timber Coating are color referenced to EUROWOOD, unlike of using IMAGING PRINTING, all our timber looks are finished by powder coating, which it gives much better durability under all circumstance of weather conditions.

Please to note, the color and pattern will be matched by 95% of listed swatch below, the coating has minimum 7 years warranty, and with 15 and 20 years options to choose.



ATLANTIC-CEDAR



AUSTRALIAN-CEDAR



BLACKBUTT



BLACKWALNUT



BUSH-CHERRY



CHESTNUT



IROKO



LIGHT OAK



KWILA



JARRAH



ROSE-MAHOG



SYDNEY-RED-GUM



TASSIE-OAK



TEAK-BROWN



IRONBARK



WESTERN RED CEDAR

## ORDERING INFORMATIONS

**Minimum Order Quantity:** 5000 KG Including: slats and uprights.

Minimum 1500 KG per / color

**Shipping Cost:** 5000 KG at US\$1000, to Sydney or Melb port.

20' Container at US\$1600, to Sydney or Melb port.

**Lead Time:** 45 days from order to receive.

**Payment terms:** 30% Deposit, 70% Prior Shipment.

**Pricing:** Please contact us for Pricing, and it is adjustable on quantities.

## CUSTOMIZED DESIGN SERVICE AVAILABLE

We are able to accommodate our clients with their special needs and requirement on Aluminium Fencing Design, either client can submit their own required design, or we also able to provide customized design solution to meet specific needs.

Development and tooling costs are at the cost of client, however, we able to reimburse it back on subsequent order.

## WARRANTY AND QUALITY ASSURANCE

CONTIN-SLATS SYSTEM has minimum 7 years warranty, and it is bounded by the agreement. Warranties are available against corrosion to perforation by weathering in the natural elements, and against paint flake and peel.

We assure the quality consistence over the each purchasing cycle, as we vigorously monitor the production process in areas of material, extrusion and powder coating.

The error tolerance is controlled at  $\pm 5\%$  in dimensions and thickness.

Contact us

## Contact us

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