



Index

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**Important information - Powder Coating systems.**

**Powdercoat Systems** The new standard Dulux powder coating system used by Juralco is Duralloy Plus®. Also Duralloy® and Duratec®. Juralco Powder coated prices are for Duralloy Plus® and Duralloy® (same pricing). Duratec® prices on application. The following specs apply to Building Exteriors.

- Dulux Duralloy Plus® powder coating systems are suitable for properties greater than 10m from high tide level. Residential and Light commercial buildings, 3 levels max. Warranty 15 yrs
- Dulux Duratec® powder coating systems are suitable for properties greater than 10m from high tide level All Residential and Commercial buildings. Warranty 25 yrs.

**Attachment to structures** A PVC Tape or similar material spacer must be used to separate powder coated aluminium items from all concrete and steel structures. Failure to do so can lead to the chemicals in the structure affecting the powder coating, leading to corrosion.

**Swimming Pools** The chlorinated water in swimming pools can cause the deterioration of powder coated surfaces, leading to corrosion of the underlying surface. It is recommended that Powder coated surfaces be 1200mm min from a pool.

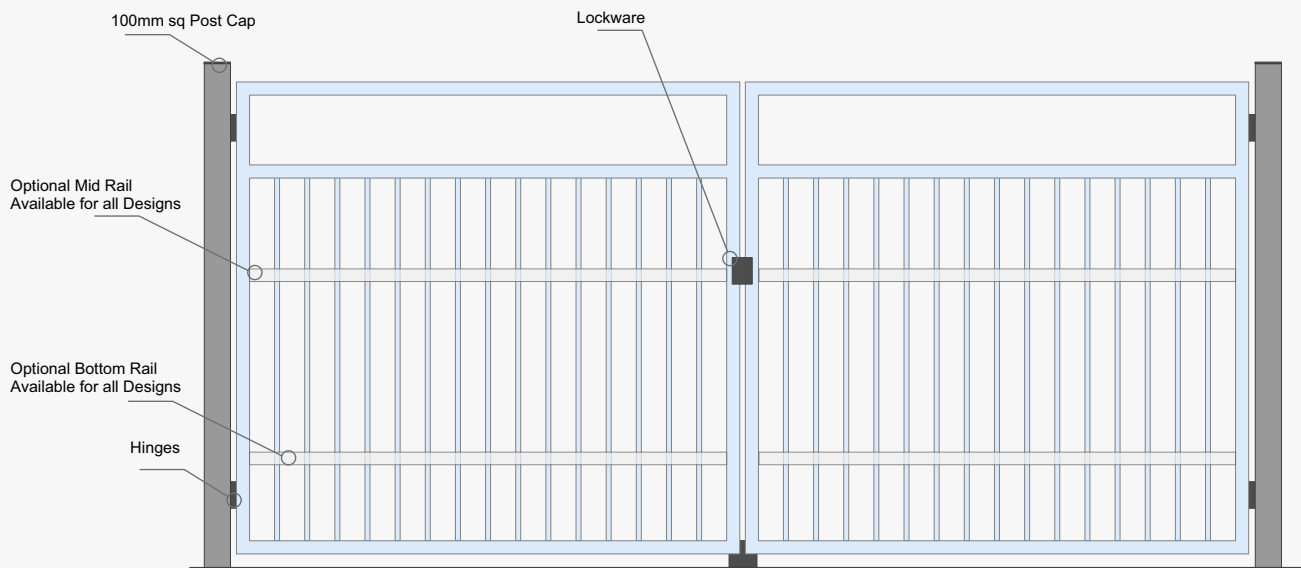
**Care** The Dulux powder coating warranty period is conditional upon the surface being maintained in accordance with the Dulux 'Care and Maintenance Instructions'. Download from Dulux or refer to the back page of this manual.

## Classic Series Gate System - Features

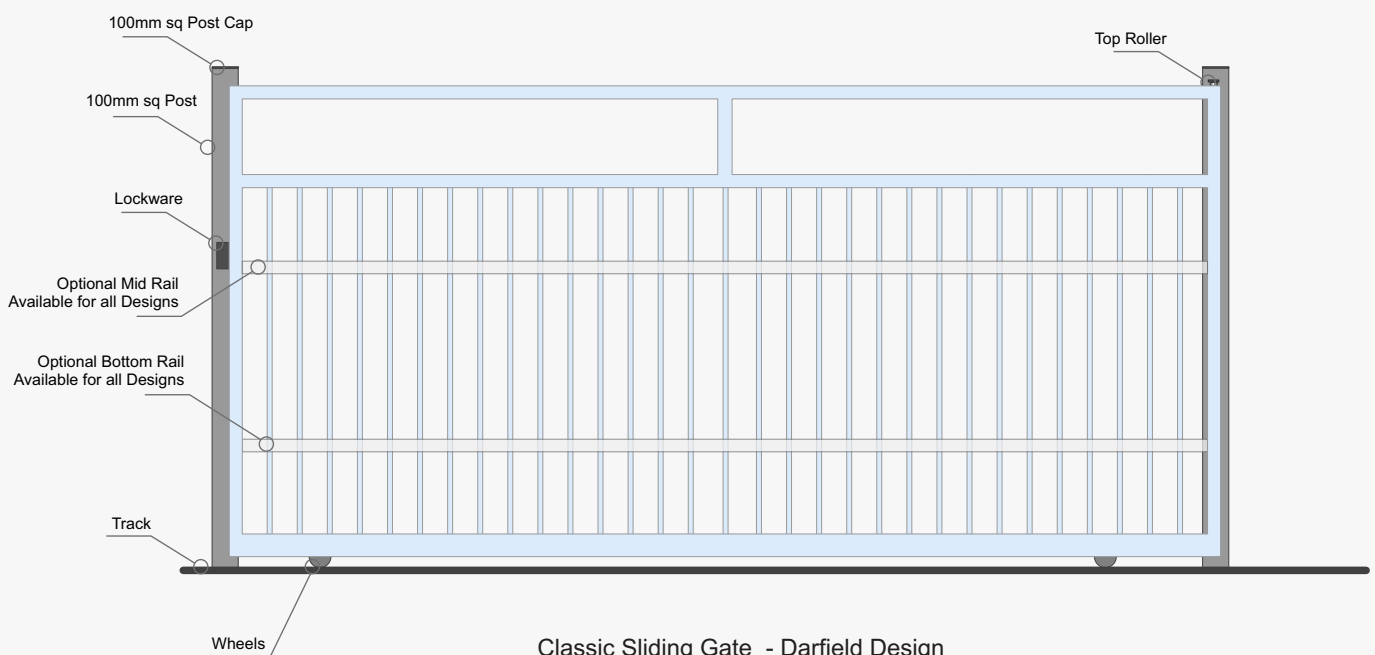
- All Classic Gates are manufactured to order as fully welded Aluminium Gates, powder coated to customer specifications.
- Available as Hinged Single or Double, Hinged Pedestrian and Sliding Gates
- Frames are of heavy duty construction, ex 50mm sq x 3mm.  
Balusters ex 19mm x 1.42mm dia tube. Sliding Gate base ex 100mm x 50mm x 3mm
- Unless specified all Gates have Balusters at 116mm centres
- All designs have a maximum height of 1.8mt. This height includes external decorative tops if used.
- A Raked bottom for sloping driveways is available for all designs, at a surcharge.
- Normal maximum Single Hinged Gate width is 3.0mt. Sliding Gate width is 4.8mt max.  
For Gates over 4.8mt contact Juralco
- Welds neat and tidy, not ground off.

### Options, all to order, at additional Costs

- Hinges, Lockware, Accessories, Motor and Motor controls ex Sanctuary Gate Range
  - Posts ex 100mm sq, and post caps.
  - Optional Balustrade Decorative Tops. Arrow head or Fleur-de-lis.
  - Optional Mid Rail - can be placed at chosen height
  - Optional Bottom Rail - can be placed at chosen height
- Fully welded matching Fence panels are available. 2.4mt long; at custom heights, in two types, with and without a mid rail.



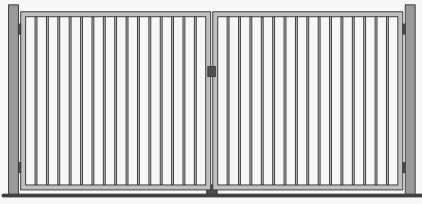
Classic Double Swing Gate - Darfield Design



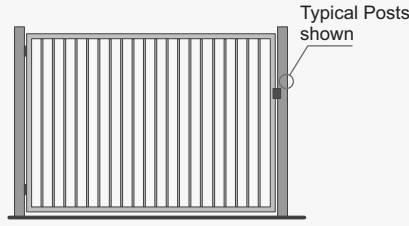
Classic Sliding Gate - Darfield Design

## Classic Series Gate System - Design Layouts

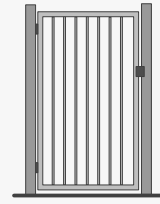
**Design - AKAROA** All available with additional Bottom Rail. Decorative tops - Arrow head or Fleur-de-lis.



Square, Double Hinged Gate  
Code AD

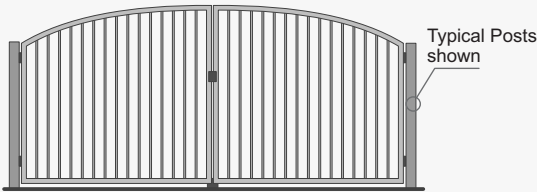


Square, Single Hinged Gate  
Code ASG

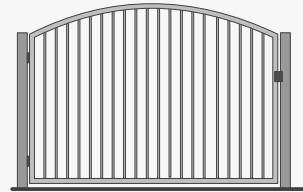


Note: Pedestrian Square only

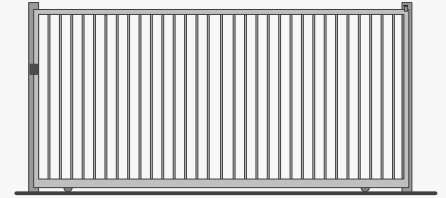
Square, Pedestrian Hinged Gate, Code AP



Arched, Double Hinged Gate  
Code ADA

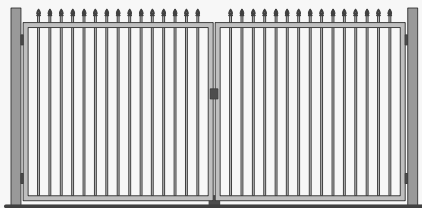


Arched, Single Hinged Gate  
Code ASGA

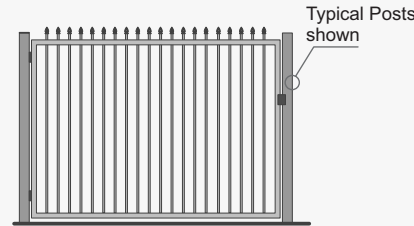


Square, Sliding Gate  
Code AS

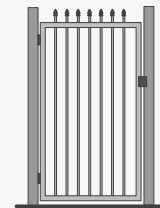
Note - Hinged Gates Width max 3.0mt per leaf. Sliding Gates Width recommended max 4.8mt. Centre mullion needed if width over 4.8mt



Square, Double Hinged Gate with Decorative Tops

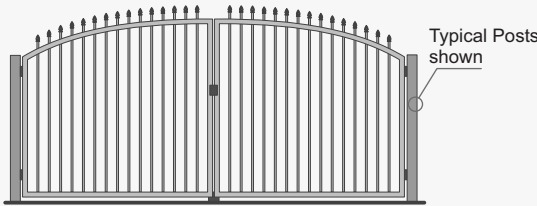


Square, Single Hinged Gate with Decorative Tops

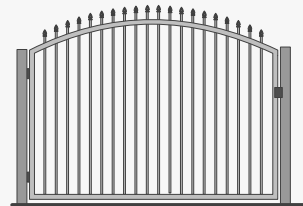


Note: Pedestrian Square only

Square, Pedestrian Hinged Gate with Decorative Tops



Arched, Double Hinged Gate with Decorative Tops

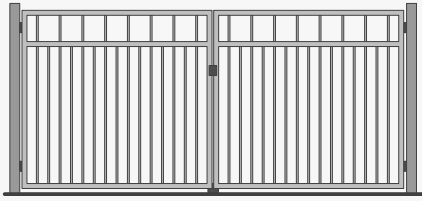


Arched, Single Hinged Gate with Decorative Tops

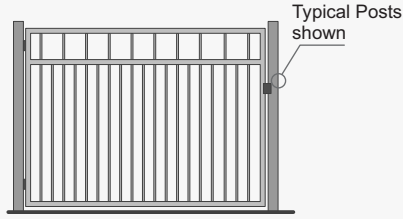
Notes - Hinged Gates Width max 3.0mt per leaf.  
- Decorative Tops: Refer Top Designs

## Classic Series Gate System - Design Layouts

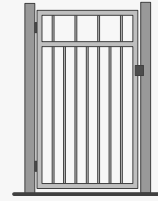
**Design - BALCLUTHA** All available with additional Bottom Rail.. Decorative tops - Arrow head or Fleur-de-lis.



Square, Double Hinged Gate  
Code BD

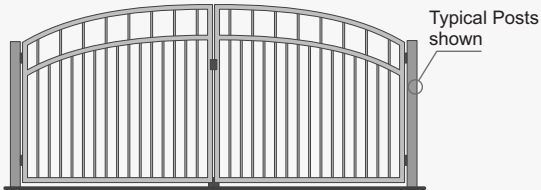


Square, Single Hinged Gate  
Code BSG

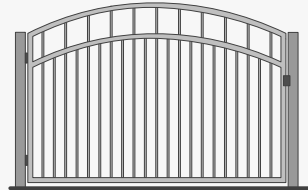


Note: Pedestrian  
Square only

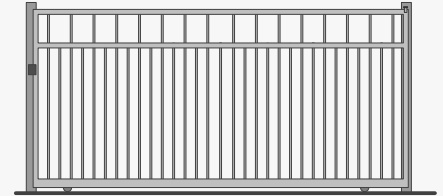
Square, Pedestrian  
Hinged Gate  
Code BP



Arched, Double Hinged Gate  
Code BDA

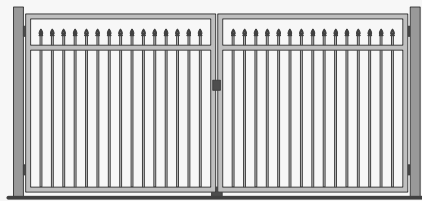


Arched, Single Hinged Gate  
Code BSGA

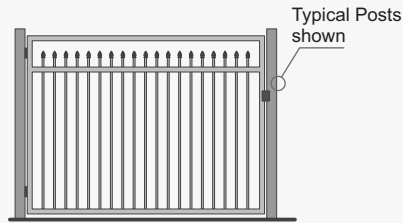


Square, Sliding Gate, Code BS

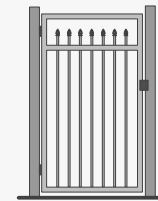
Note - Hinged Gates Width max 3.0mt per leaf. Sliding Gates Width recommended max 4.8mt. Centre mullion needed if width over 4.8mt



Square, Double Hinged Gate  
with Decorative Tops

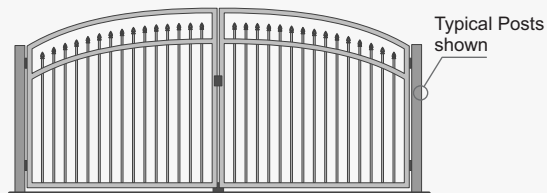


Square, Single Hinged Gate  
with Decorative Tops

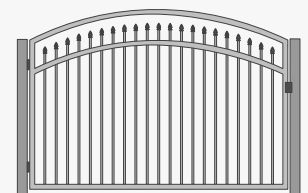


Note: Pedestrian  
Square only

Square, Pedestrian  
Hinged Gate  
with Decorative Tops



Arched, Double Hinged Gate  
with Decorative Tops



Arched, Single Hinged Gate  
with Decorative Tops

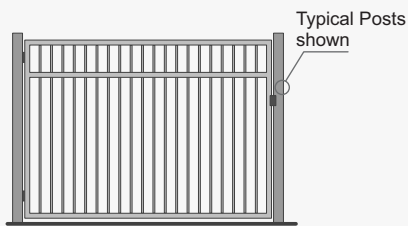
Notes - Hinged Gates Width max 3.0mt per leaf.  
- Decorative Tops: Refer Top Designs

## Classic Series Gate System - Design Layouts

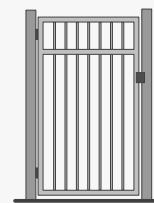
**Design - CLYDE** All available with additional Bottom Rail.



Square, Double Hinged Gate  
Code CD



Square, Single Hinged Gate  
Code CSG

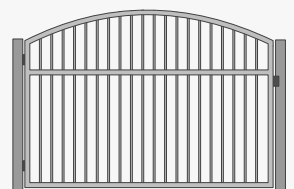


Note: Pedestrian  
Square only

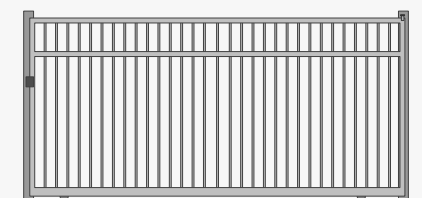
Square, Pedestrian  
Hinged Gate, Code CP



Arched, Double Hinged Gate  
Code CDA



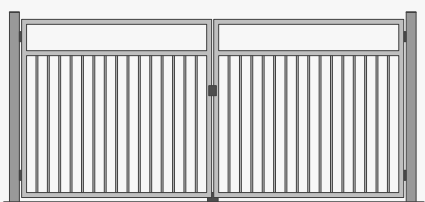
Arched, Single Hinged Gate  
Code CSGA



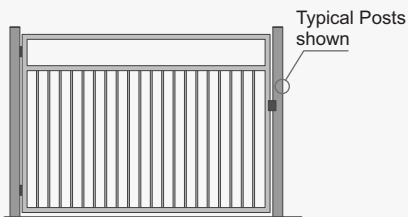
Square, Sliding Gate, Code CS

Notes - Hinged Gates Width max 3.0mt per leaf. Sliding Gates Width recommended max 4.8mt. Centre mullion needed if width over 4.8mt  
- Decorative Tops not available with this Design

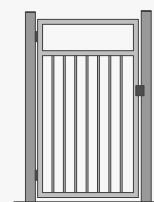
**Design - DARFIELD** All available with additional Bottom Rail.



Square, Double Hinged Gate  
Code DD

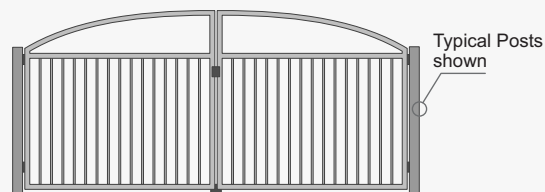


Square, Single Hinged Gate  
Code DSG

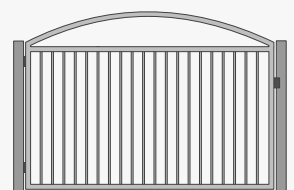


Note: Pedestrian  
Square only

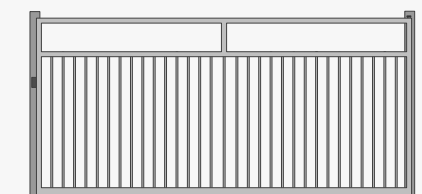
Square, Pedestrian  
Hinged Gate, Code DP



Arched, Double Hinged Gate  
Code DDA



Arched, Single Hinged Gate  
Code DSGA

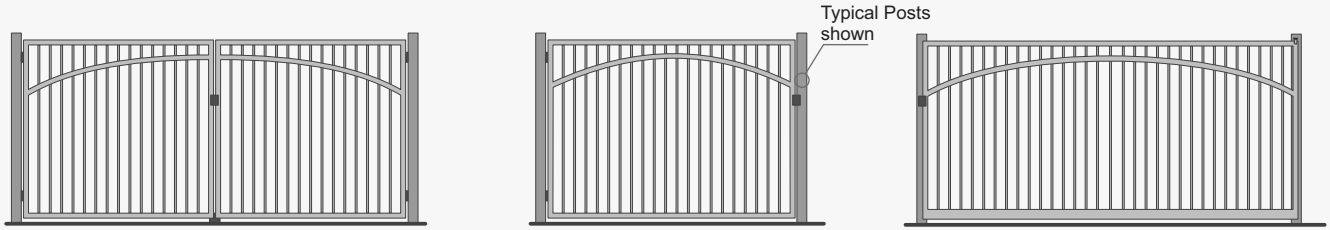


Square, Sliding Gate, Code DS

Notes - Hinged Gates Width max 3.0mt per leaf. Sliding Gates Width recommended max 4.8mt. Centre mullion needed if width over 4.8mt  
- Decorative Tops not available with this Design

## Classic Series Gate System - Design Layouts

**Design - EGMONT** All available with additional Bottom Rail.. Decorative tops - Arrow head or Fleur-de-lis.

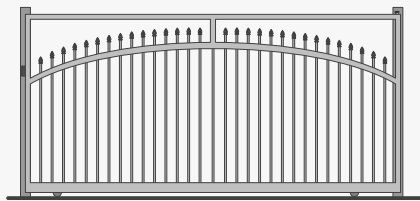


Square, Double Hinged Gate  
Code ED

Square, Single Hinged Gate  
Code ESG

Square, Sliding Gate  
Code ES

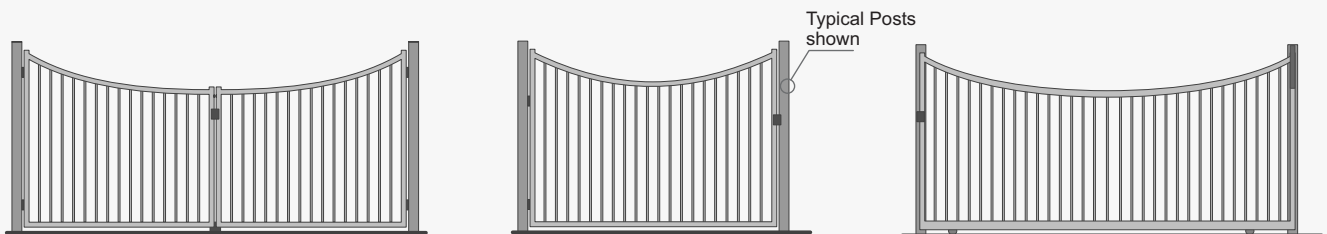
Note - Hinged Gates Width max 3.0mt per leaf. Sliding Gates Width recommended max 4.8mt. Centre mullion needed if width over 4.8mt



Square, Sliding Gate with Decorative Tops

Notes - Hinged Gates Width max 3.0mt per leaf. Sliding Gates Width recommended max 4.8mt. Centre mullion needed if width over 4.8mt  
 - Decorative Tops: Refer Top Designs  
 - Pedestrian Gate not available with this Design

**Design - FOXTON** All available with additional Bottom Rail.. Decorative tops - Arrow head or Fleur-de-lis.

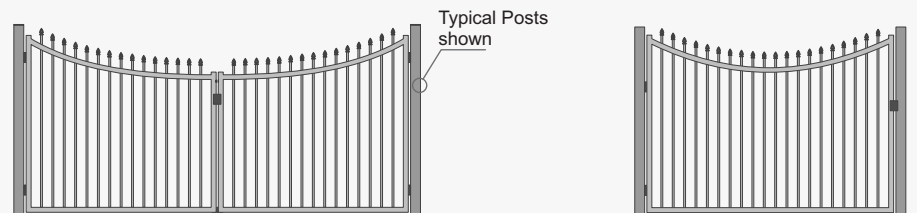


Arched, Double Hinged Gate  
Code FD

Arched, Single Hinged Gate  
Code FSG

Arched, Sliding Gate, Code FS

Note - Hinged Gates Width max 3.0mt per leaf. Sliding Gates Width recommended max 4.8mt. Centre mullion needed if width over 4.8mt

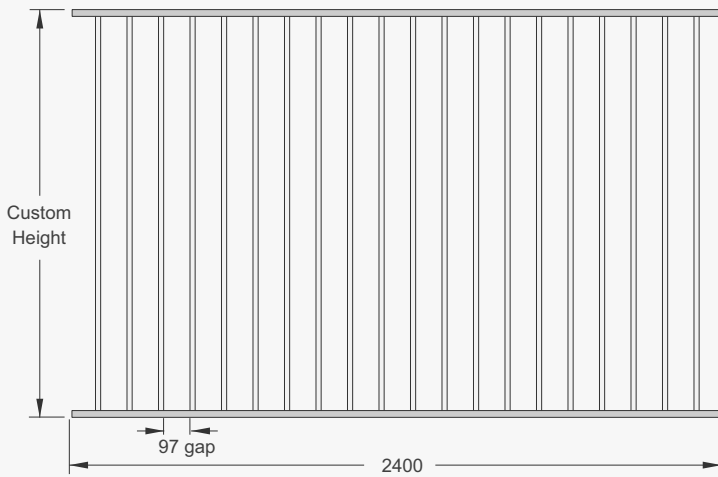
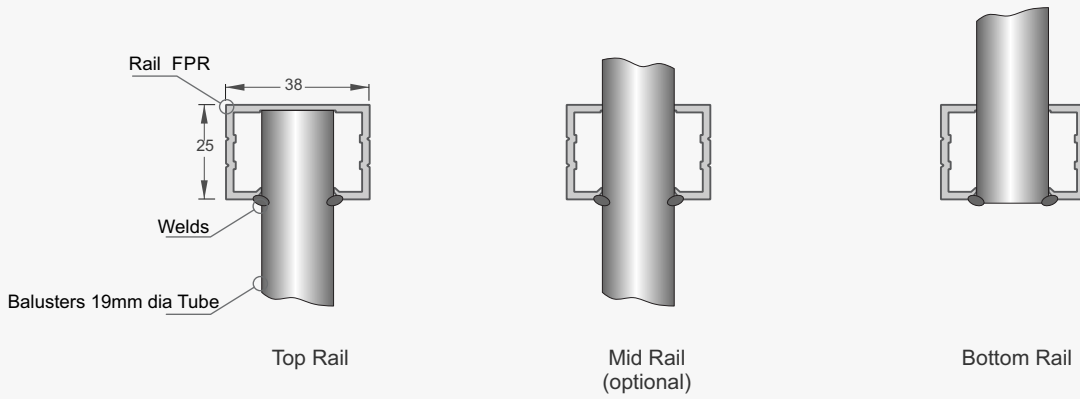


Arched, Double Hinged Gate  
with Decorative Tops

Arched, Single Hinged Gate  
with Decorative Tops

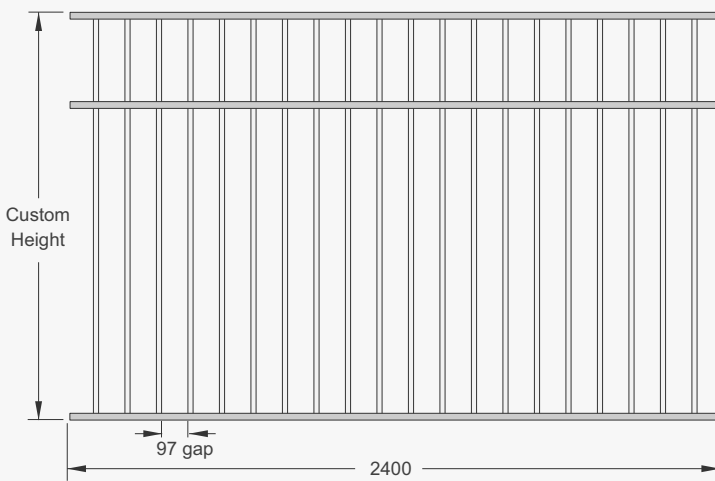
Notes - Hinged Gates Width max 3.0mt per leaf.  
 - Decorative Tops: Refer Top Designs  
 - Pedestrian Gate not available with this Design

# Classic Series Gate System - Welded Fence Panels



FENCE PANEL  
Part No JGF/CFA

Note - These Panels attach to Posts using the brackets from the Contemporary Fence and Gate range; ie JGF/FPBRKT (see next page)

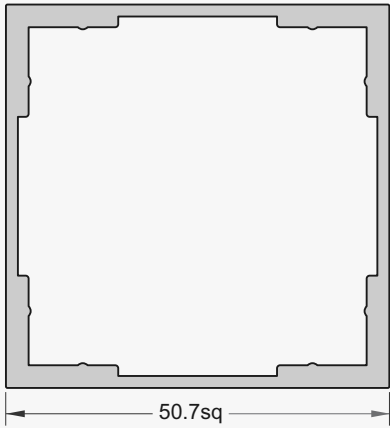


FENCE PANEL  
Part No JGF/CFB

Note - These Panels attach to Posts using the brackets from the Contemporary Fence and Gate range; ie JGF/FPBRKT (see next page)

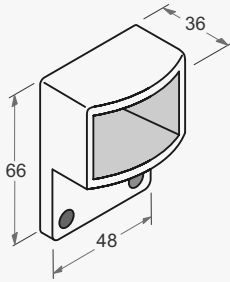


Classic Series Gate System - Welded Fence Panels



POST  
Part No FPST

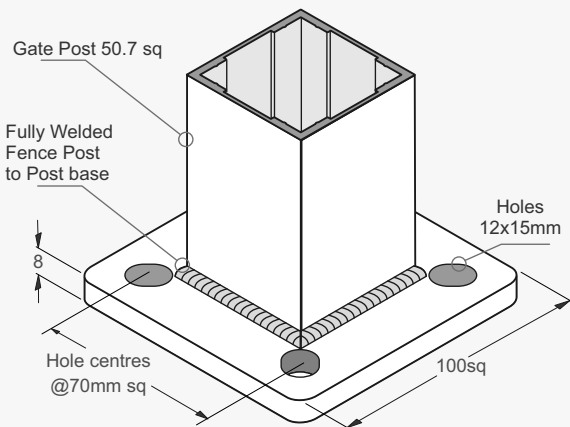
Post Bracket  
Part No FP BRKT



Aluminium Body / PC

Gate Post, Base  
Welded to Post

Fully Welded  
Baseplate to Lightweight Post



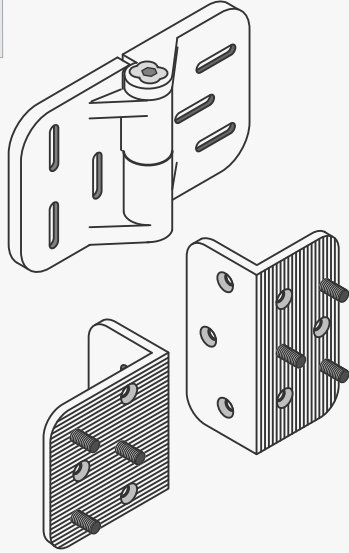
- Part No's
- FPWBP/1.3
- FPWBP/1.6
- FPWBP/1.9

**An EPDM Packer must be used between Post base and structure**

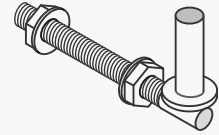
## Classic Series Gate System - Components

### Classic Gates , Hinges

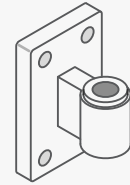
Adjustable Tension Hinge,  
Adjustable Legs  
Nylon, Black.  
Part No JEF/AHHD/2ALS  
(Pairs)



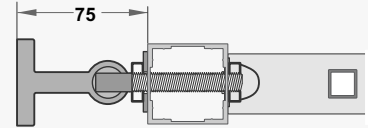
Hinge 13mm dia.  
304 SS  
Part No G14



Hinge 13mm dia.  
Aluminium/PC  
Part No G13  
(Nylon Bush included)



Self Closing. Max Weight 45kg  
Vertical adjustment 25mm. Horizontal adjustment 25mm



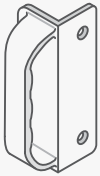
Standard Hinge Gap  
G13 + G14 SS Hinge

For all above refer to Manufacturers data for correct installation procedures

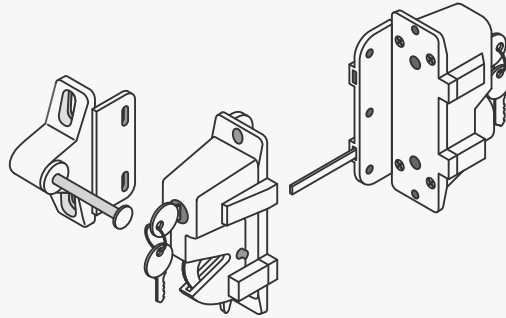
### Classic Gates , Hardware

This Lockware **NOT** suitable for Pool gates

Gate Handle  
Nylon, Black.  
Part No JEF/GH

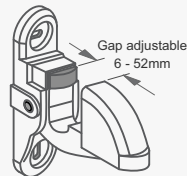


Side Pull Latch  
Nylon, Black  
Part No JEF/SP



Universal Drop Latch and Striker  
Nylon, Black. (External Access)  
Part No JEF/DLEA/ESP

Soft Gate Stop  
Nylon, Black.  
Part No JEF/GS

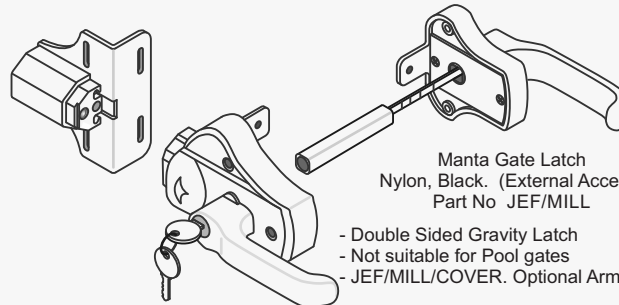
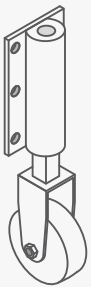


Parking Latch  
Nylon, Black.  
Part No G21

Universal Drop Latch  
and Striker  
Nylon, Black  
Part No JEF/DL



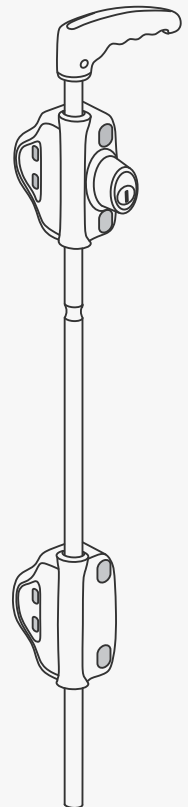
Hinged Gate Support Wheel  
Part No JGF/G02/EGW



Manta Gate Latch  
Nylon, Black. (External Access)  
Part No JEF/MILL

- Double Sided Gravity Latch
- Not suitable for Pool gates
- JEF/MILL/COVER. Optional Armour cover available

Drop Bolt  
610mm OA, Part No JEF/DB/610



Drop Bolt Base  
Part No  
JEF/BP



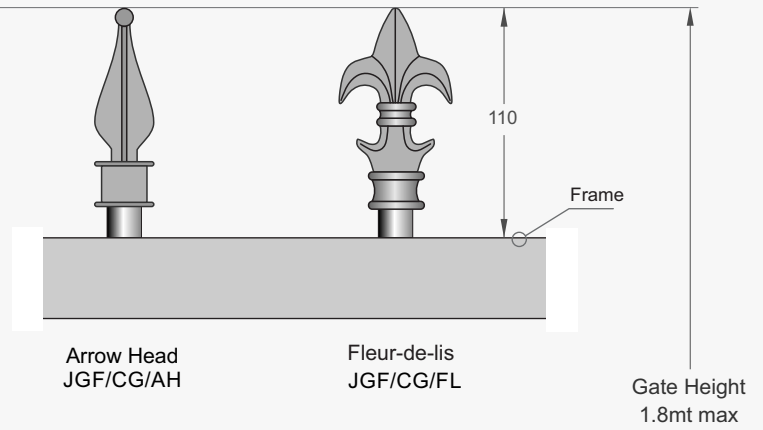
For all above refer to Manufacturers data  
for correct installation procedures

All for separate ordering, not included with Gate order

## Classic Series Gate System - Components

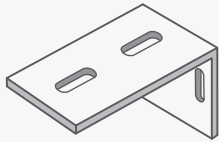
### Classic Gates, Decorative Tops

All to go over 19mm dia tube  
Balustrades.  
Tops all mounted 110mm high above frame.



### Classic Gates ,Sliding Gate

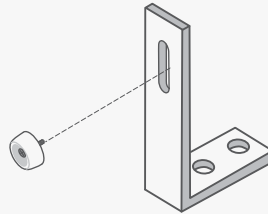
Machining for Wheels, Bottom Rail: not included with Gate order



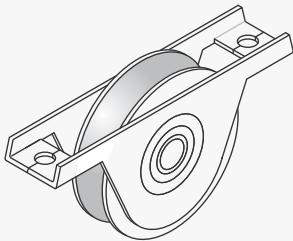
Top Guide Bracket, Aluminium  
Part No G03/30/TGP  
( for use with G03/30 rollers)



Nylon Guide Roller, White, 304 SS  
30mm OD x 40mm  
Part No G03/30/SS



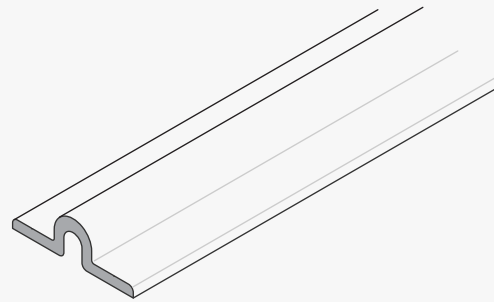
End Stop  
Part No G05  
( incl Button)



Profiled Support Wheel, 80mm dia  
150kg Rating- 304 SS  
Part No G02/R1680



Mush Head Spike  
Part No G30  
SS 6.5 x 50  
(For Sliding  
Track PN 2229)



Sliding Gate Bottom Track  
Part No 2229  
(50mm wide x 16mm high)

**All for separate ordering, not included with Gate order**

**Important Note:**  
Please refer to the Architectural Series S Gate System (ie Sanctuary Gate) for more details re Sliding and Hinged Gate motorisation

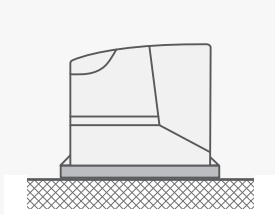
Solar Power System

Solar Power - Solemyo System

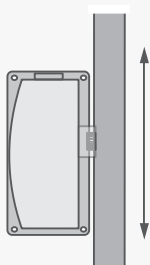
- Solemyo is a solar power system to automate sliding or hinged gates on sites that are far away from a mains power source
- Comes with a Photovoltaic panel for 24V supply and a 24V power storage battery for continuous supply throughout the day.
- Able to be installed virtually anywhere, no need for power connections or excavations. Great for remote locations or sites where mains power access is difficult.

Sliding Gate, Robus System

- The Robus system consists of a geared motor incorporating a rack and pinion drive, used to automate large sliding gates for residential use.
- Controls include a range of wireless devices and/or photocells.
- Safety is maximised with obstacle detection and programmed acceleration and closing speeds.
- Twin sliding gates opening and closing are synchronised.
- A special key can be used to enable manual operation in the event of power failure or an optional battery pack can be included as power backup inside the motor enclosure.
- This system can handle gates up to 5.5mt wide.

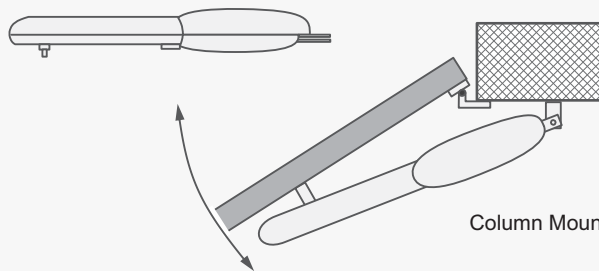


Ground Mount



Hinged Gate, Wingo System

- The Wingo system consists of a geared motor incorporating a worm drive, used to actuate larger swing gates for residential use.
- Controls include a range of wireless devices and/or photocells.
- Safety is maximised with obstacle detection and programmed acceleration and closing speeds.
- Twin swing gates opening and closing are synchronised.
- A special key can be used to enable manual operation in the event of power failure or an optional battery pack can be included as power backup inside the motor enclosure.
- There are two systems available, one can handle gates up to 2mt wide ,while the other can handle gates up to 3.5mt wide.



Column Mount

- Not recommended for full Slat or Louvre infills, especially where wind is a factor - contact Juralco for further information

Remote Controls and Accessories

All the above systems can be integrated with a variety of remote and security controls. Please refer to the manufacturers catalogue. Pictured below only some possibilities...



SOLEMYO Solar Kit  
Part No JNICE/SYKCE



Remote Controller  
Part No JNICE/FLO2RE



Audio Intercom  
Part No JNICE/AUDIOKIT  
Note: Range to 100m using CAT 6 wiring



Video Intercom  
Part No JNICE/VIDEOKIT  
Note: Range to 100m using CAT 6 wiring

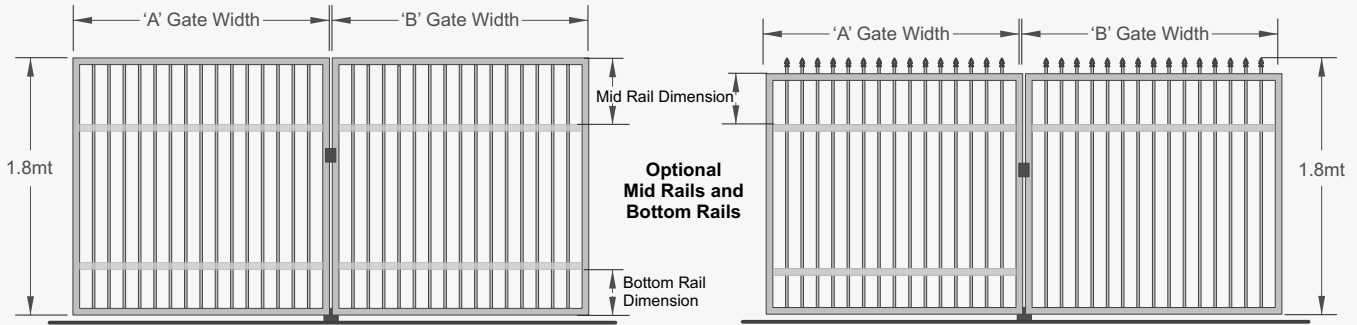


Surface Mount Photocells  
Part No JNICE/EPMB



Digital Switch  
Part No JNICE/EDSW

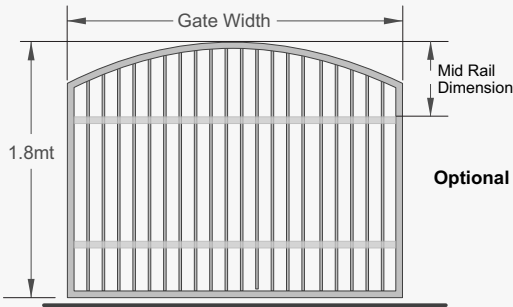
# Classic Series Gate System - Typical Sizing



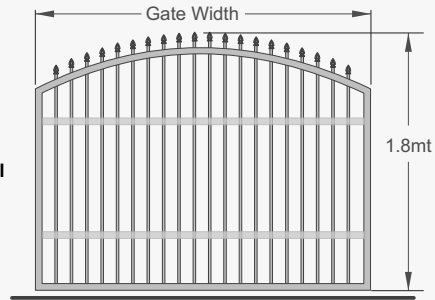
Square, Double Hinged Gate  
Max Width 3.0m per gate

Square, Double Hinged Gate  
with Decorative Tops. Max Width 3.0m per gate

**Note: If Raked Base, Bottom Rail measured on Shortest Side**

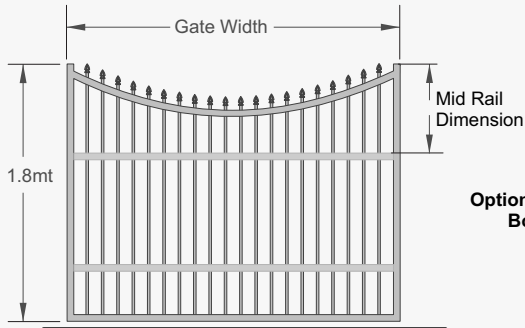


Arched, Single Hinged Gate  
Max Width 3.0m per gate

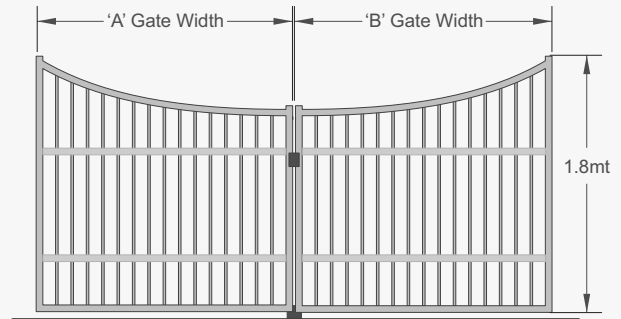


Arched, Single Hinged Gate  
with Decorative Tops. Max Width 3.0m per gate

**Note: If Raked Base, Bottom Rail measured on Shortest Side**

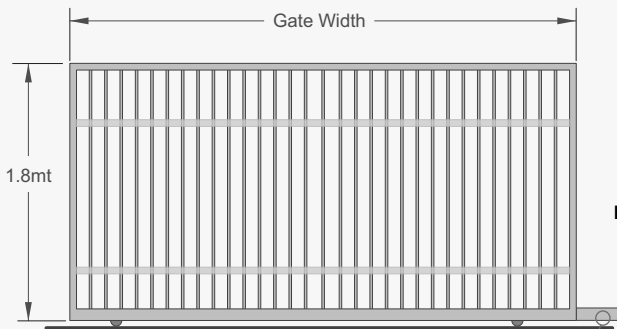


Arched, Single Hinged Gate  
with Decorative Tops. Max Width 3.0m per gate



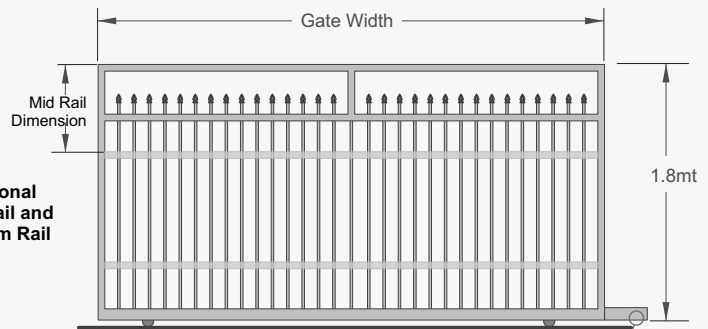
Arched, Double Hinged Gate  
Max Width 3.0m per gate

**Note: If Raked Base, Bottom Rail measured on Shortest Side**



Square, Sliding Gate  
Max Width 4.8m per gate

If Motorised  
300mm extension



Square, Sliding Gate  
with Decorative Tops  
Max Width 4.8m per gate

If Motorised  
300mm extension

**Classic Series Gate System - Gate Worksheet/Order Form**

**Juralco Aluminium Building Products Ltd, 48 Bruce McLaren Rd, Henderson, Auckland  
Phone: (09) 478 8018 Fax : (09) 478 7883**

Use one order form per each Gate order. Check all information carefully before sending this order. Juralco will not commence production until a **signed order** has been received. Remember, this is a one off custom unit made to your measurements and specifications.

Customer Name..... Date.....

Address.....

Delivery Address.....

Phone No..... Contact..... Order No ..... Job No.....

**This confirmation box to be completed by Juralco Gate No.....**

**Total unit Price (packed for despatch) \$..... + GST Proposed Delivery Date .....**

**1 Gate(s) Operation**

Manual	<input type="checkbox"/>
Motor(s)	<input type="checkbox"/>

For Motor operation.  
Single Hinged = 1x Wingo Motor  
Double Hinged = 2x Wingo Motors  
Single Sliding - 1 x Robus notor

Only applies to Single Hinged or Sliding Gates. Latch or Motor Install Side as viewed from Roadside

RH	<input type="checkbox"/>	LH	<input type="checkbox"/>
----	--------------------------	----	--------------------------

Note: Sliding Gate, Motorised. The Bottom Rail is increased in width by 300mm, (motor side) over the Gate Frame width. Hinged Gate width as per normal.

**2 Gate Design Selection**

Tick Design Selection, then enter Code

	A - Akaroa	B - Balclutha	C - Clyde	D - Darfield	E - Egmont	F - Foxton
Enter Code						

**3 Gate Frame Dimensions.** 1- Gate(s) viewed from Roadside. 2 - For Square Gates H1=H2=H3. 3 - All dimensions overall

<p>W1                      W2</p> <p>H1 LH if Double H2 RH if Double H3</p>		<p>Dimensions Single Hinged, Sliding (H1,H2) Double Hinged (H1,H2,H3)</p> <p><input type="text"/> mm      <input type="text"/> mm      <input type="text"/> mm</p> <p><b>Dimension H1 Frame Height</b>      <b>Dimension H2 Frame Height</b>      <b>Dimension H3 Frame Height</b></p>			<p>LH if Double</p> <p><input type="text"/> mm</p> <p><b>Dimension W1 Frame Width</b></p> <p>RH if Double</p> <p><input type="text"/> mm</p> <p><b>Dimension W2 Frame Width</b></p>
<p>W1                      W2</p> <p>H1 LH if Double H2 RH if Double H3</p>		<p><input type="text"/> mm      <input type="text"/> mm      <input type="text"/> mm</p> <p><b>Dimension H1 Frame Height</b>      <b>Dimension H2 Frame Height</b>      <b>Dimension H3 Frame Height</b></p>			

**4 Optional Extras**

Decorative Tops  N/A  Arrowhead  Fleur-de-lis

Tick Required

Mid Rail  N/A  Specify Dimension, mm

Bottom Rail  N/A  Specify Dimension, mm

All Hardware + Fence Posts and Caps + Gate automation (if needed) to be ordered separately

**5 Select Powder Coat Type and Colour**  Duralloy  Duratec  **Specify PC Colour and Code**

**6 Notes**

Notes

**Classic Series Gate System - Fence Panel Worksheet/Order Form**

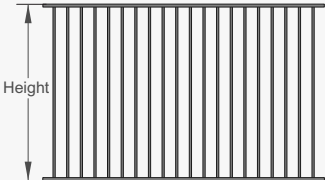
**Juralco Aluminium Building Products Ltd, 48 Bruce McLaren Rd, Henderson, Auckland  
Phone: (09) 478 8018 Fax : (09) 478 7883**

Use one order form per each Gate order. Check all information carefully before sending this order. Juralco will not commence production until a **signed order** has been received. Remember, this is a one off custom unit made to your measurements and specifications.

Customer Name..... Date.....  
 Address.....  
 Delivery Address.....  
 Phone No..... Contact..... Order No ..... Job No.....

**This confirmation box to be completed by Juralco** Fence No.....  
 Total unit Price (packed for despatch) \$..... + GST Proposed Delivery Date .....

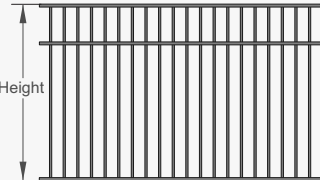
**1 Fence Panels JGF/CFA**



No required

Height - Custom height 1800mm max  
 Width - All Panels supplied as 2400mm wide only

**2 Fence Panels JGF/CFB**




No required

Mid Rail Dimension, mm


Height - Custom height 1800mm max  
 Width - All Panels supplied as 2400mm wide only

**3 Fence Post Brkt FP BRKT**



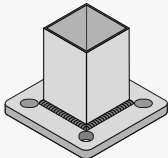
No required

**4 Fence Posts FPST**



No of Lengths required

**5 Post Base FPWBP**



FPWBP/1.3 No required   
 FPWBP/1.6 No required   
 FPWBP/1.9 No required

**6 Fence Panels**

Panels, Posts above to match Gate order?  No  Yes

If Yes, Gate Order No

**7** Select Powder    
 Coat Type and Colour

**Specify PC Colour and Code**

**8** Notes

# Classic Series Gate System - Powder Coating Care and Maintenance

## Powder Coating Installation Care

### Warning re use of solvents:

- In some cases strong solvents are recommended for thinning various types of paints and also for cleaning up mastics and sealants.
- These can be harmful to the extended life of the powder coated surface, and must not be used for cleaning purposes.
- It is important to note that the damage will not be visible immediately and may take up to 12 months to develop.

If paint splashes or sealants and mastics need to be removed then the following may be safely used:  
Methylated Spirits, Ethyl Alcohol, Isopropanol or preferably a mild detergent in warm water.

### Joinery Protection during Installation:

All the activity on a construction site means that your powder coated items may get knocked or scratched, splattered with mortar, plaster, textured coating or paint during the later stages of construction.

Please ensure that all powder coated articles are masked or covered at this time. It is far easier to prevent accidents than to try and correct them. Should your joinery receive mortar or paint splashes see that these are removed before cure and follow the instructions contained in this brochure.

Typical sticker used to warn other trades of the need to protect and mask off powder coated joinery (applies to anodised joinery also)

**"IMPORTANT ALL TRADES"**  
This valuable aluminium joinery will suffer permanent damage from: plaster, mortar and paint splashes - Protect if splashes occur - Immediately wash down joinery with water or meths - Do not allow splashes to harden! ~ Do not use solvents! - Do not remove this label until final clean completed.

This photograph displays damage that has occurred on site, post installation. The photo of the masked joinery displays clear signs of damage that could have occurred were it not masked. Please ensure that your joinery is protected right through the entire construction process.



## Powder Coating Maintenance

### External - Maintenance Program:

To extend the life of external powder coated articles and to comply with warranty requirements for powder coated aluminium joinery, a simple, regular maintenance program must be implemented.

The effects of ultra violet light, atmospheric pollution, dirt, grime and airborne salt deposits will all accumulate over time and must be removed or surface staining and weathering will occur, leading to an unsightly appearance.

For external coatings, cleaning should take place every six months. In areas where pollutants are more prevalent, such as beachfront houses and industrial or geothermal areas, then a cleaning program should be carried out on a more frequent basis ie. every one to three months.

Fences or Balustrades in close proximity to swimming pools must be washed down every six months, to clean off chlorine and salt deposits.

### Cleaning your powder coating:

1. Carefully remove any loose surface deposits with a wet sponge.
2. Use a soft brush (non abrasive) and a mild household detergent (do not use solvents) in warm water, remove dust, salt and other deposits.
3. Rinse off with clean fresh water.



### Restoring weathered or scratched surfaces:

Repair of Scuffed or Scratched surfaces

Dulux Spray Cans are available in all colour card colours.

Repair of Small Scratches or Chips.

Dulux Dabsticks are ideally suited for the repair of small scratches.

Dabsticks may not be available in all colour card colours.

Repair of Weathered areas .

Dulux Gloss Up is a light to medium cutting cream ideally suited for gloss restoration and has been specifically designed for this purpose. Gloss Up contains no waxes or silicone and is a one step system.



Contact Dulux Powder Coatings , ph 0064 9 441 8244