

## DE-FENCE FEATURES



### Four-way connectivity

The Steel posts accept panel brackets on all 4 sides. This makes them ideal for multisided enclosures or changes in direction.



### Tamper resistant fixings

In keeping with the requirements of AS4024.1 (Machinery Guarding) panels are retained in place with tamper resistant fixings. This means they can only be removed or adjusted using tools not normally available to operators.



### Modular construction

De-fence is a completely modular design. All the components including posts, brackets and panels are interchangeable to provide a zoning system that can be configured to any situation.



### Swinging or sliding gates

With De-fence any fixed panel becomes a gate simply by removing the panel brackets from one side and pivoting on the other, left hand or right hand. A choice of latch systems completes the gate.

## DE-FENCE SAFETY FENCE

### – The De-fence System

De-fence is a modular guarding and fencing system. Designed to comply with AS4024.1. De-fence is simple to install, flexible and configures to the widest range of applications.

The system comprises a range of standard panel lengths from 500 to 2000mm with the option of welded mesh or polycarbonate infill, plus a choice of two post heights.

#### Steel Posts

De-fence steel posts are manufactured from 75 x 75 x 2.5mm thick RHS tube. They are pre-drilled on all 4 sides to accept our range of steel brackets and finished in high visibility safety yellow powder coat.

Available in two standard heights, 1300 and 2460mm with welded bases.

#### Specifications:

<b>Description:</b>	De-fence pre-drilled RHS steel posts.
<b>Material:</b>	75 x 75 x 2.5mm RHS.
<b>Finish:</b>	Yellow powder coat.
<b>Height:</b>	1300 or 2460mm.
<b>Width:</b>	75 x 75mm.
<b>Foot print:</b>	200 x 84mm.
<b>Weight:</b>	1300mm – 7.4kgs. 2460mm – 12.0kgs.
<b>Installation:</b>	2 off M10 x 75mm concrete screw anchors (supplied).

PART No.	DESCRIPTION
DFP1300	De-fence steel post 1300 x 75 x 75mm with fixings
DFP2460	De-fence steel post 2460 x 75 x 75mm with fixings



De-fence as pedestrian separation.



Steel post with welded steel base.



#### DF-SPB

##### Standard panel bracket kit

This bracket provides universal panel mounting where no side adjustment is required.



#### DF-APB

##### Adjustable panel bracket kit

Use in place of DF-SPB where side adjustment is required. Allows for up to 12mm of adjustment.

#### Steel Brackets

A range of four mounting brackets for connecting panels and our steel posts.

#### Specifications:

<b>Description:</b>	Panel to post connecting brackets. (4 types).
<b>Material:</b>	4mm mild steel.
<b>Finish:</b>	Black powder coat.
<b>Weight:</b>	Approx. 300grams.
<b>Installation:</b>	2 off M8 x 12mm Hex, tamper resistant head bolts with washers (supplied).

PART No.	DESCRIPTION
DF-SPB	De-fence standard panel steel bracket kit
DF-APB	De-fence adjustable panel steel bracket kit
DF-PCB	De-fence panel connector steel bracket kit
DF-SGB	De-fence self-closing gate steel bracket kit
DF-CP	De-fence panel connector pin



#### DF-PCB

##### Panel connector bracket kit

Used on double De-fence for joining upper and lower panels.



#### DF-SGB

##### Self-closing gate bracket kit

Use as either the top or bottom gate hinge. Allows tension adjustment for gate closure. (Use only 1 per gate.)

## DE-FENCE PANELS

### Mesh In-fill Panel

The standard De-fence panels are available in 5 standard widths and come with fully welded mesh in-fill. The mesh is a 3mm diameter steel wire at 25 x 25mm centres, giving an aperture size of 22mm square. It is welded into a tubular frame of 38 x 25 x 1.6mm mild steel RHS. The completed panels are finished in black powder coat.

#### Specifications:

<b>Description:</b>	Mesh in-fill panels.
<b>Frame:</b>	Mild steel tube 38 x 25 x 1.6mm.
<b>In-fill:</b>	3mm mild steel wire.
<b>Aperture:</b>	22 x 22mm.
<b>Finish:</b>	Black powder coat.
<b>Weight:</b>	See below.

PART No.	DESCRIPTION
DFP2000M	De-fence mesh in-fill panel – 2000mm long (18kgs)
DFP1500M	De-fence mesh in-fill panel – 1500mm long (15kgs)
DFP1000M	De-fence mesh in-fill panel – 1000mm long (10kgs)
DFP750M	De-fence mesh in-fill panel – 750mm long (8kgs)
DFP500M	De-fence mesh in-fill panel – 500mm long (6kgs)



Fully welded mesh panel.



Polycarbonate panels with aluminium retaining extrusion.

### Polycarbonate In-fill Panel

Optional polycarbonate De-fence panels are available in the same 5 standard widths. The clear polycarbonate is 3mm thick and is shatter proof. The polycarbonate sheet is fixed into a black powder coated tubular frame of 38 x 25 x 1.6mm mild steel RHS using a custom made aluminium extrusion. This extrusion is then riveted into the frame.

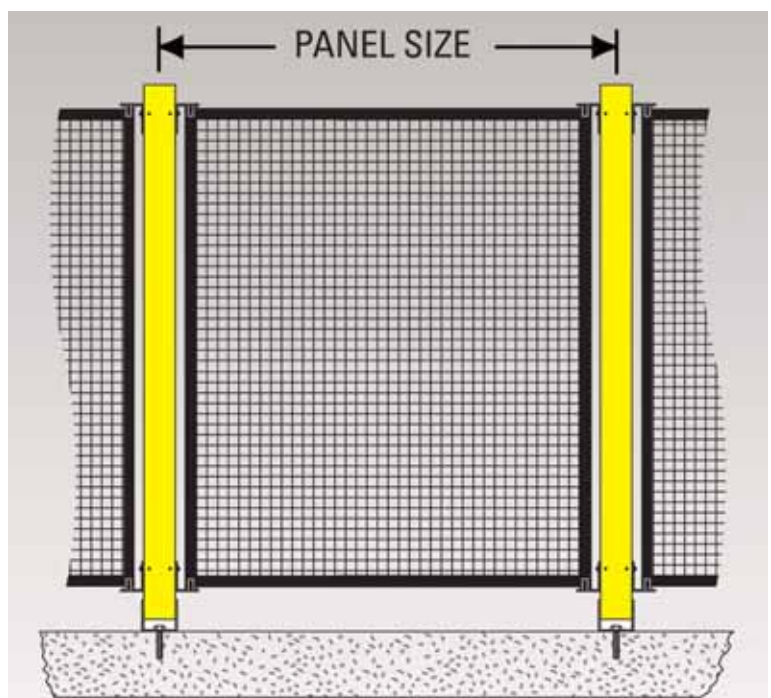
#### Specifications:

<b>Description:</b>	Polycarbonate in-fill panels.
<b>Frame:</b>	Steel.
<b>Extrusion:</b>	Aluminium.
<b>In-fill:</b>	3mm clear polycarbonate sheet.
<b>Finish:</b>	Outer steel frame, black powder coat.
<b>Weight:</b>	See below.

PART No.	DESCRIPTION
DFP2000P	De-fence polycarb. in-fill panel – 2000mm long (18kgs)
DFP1500P	De-fence polycarb. in-fill panel – 1500mm long (15kgs)
DFP1000P	De-fence polycarb. in-fill panel – 1000mm long (10kgs)
DFP750P	De-fence polycarb. in-fill panel – 750mm long (8kgs)
DFP500P	De-fence polycarb. in-fill panel – 500mm long (6kgs)

### Standard Panel Sizes

Standard range of panels sizes available – 500, 750, 1000, 1500 and 2000mm wide by 1150mm deep. (Note: Panel widths relate to actual post centres). Available in either mesh or polycarbonate in-fills. When used with 2460mm posts, two panels are stacked on top of one another.



Panel sizes are actually measured between post centres.

## DE-FENCE GATES

### Swing Gates

With De-fence any fixed panel becomes a gate simply by removing the panel brackets from one side and pivoting on the other, left hand or right hand. A choice of latch systems completes the gate.

### 180° Swing

Our unique bushing system means panels can swing through more than 180°. This feature allows panels to come off the posts at any angle. With all connections being bushed there is no rattling or noisy panels.

### Sliding Gates

We understand that there are situations where available space, or the uniqueness of the application does not lend itself to swinging gates.

For these scenarios we have developed a system of sliding gates using our standard mesh or polycarbonate panels and 2460mm high posts. In most cases these can be retro-fitted using specially designed brackets or they can be tailored to specific needs. Sliding gates can span openings from 260mm to 3.6 metres with a head clearance of 2.4 metres. Rolling on 4 wheel carriages with nylon wheels they are both silent and smooth in operation.

Because our gates are suspended from overhead tracks the floor is kept free of any obstructions that could interfere with the use of pallet trucks, trolley's or create tripping hazards.

### Other features of our sliding gates include:

- » Left or right opening or both in the case of double width gates.
- » They can be mounted the inside or outside face of the fence posts.
- » They can be either full height (2400mm) or top panel opening only (above 1200mm).

For more information on sliding gates please talk to one of our customer service personal.



Single height swinging gates.



Double height swinging gates



#### DF-CP

##### Gate Connector Pin

Connects top and bottom panel when using a gate.



#### DF-GS

##### Gate Stop

Non-latching gate stop for use with self closing gates.

PART No.	DESCRIPTION
DF-CP	De-fence gate connector pin
DF-GS	De-fence gate stop
DF-LL	De-fence general purpose gate latch.
DF-LB	De-fence lockable drop bolt.



### AS4024.1 SAFETY OF MACHINERY

Our 'De-fence' machinery guarding system has been designed to comply with AS4024.1

#### Some key features of the De-fence system are:

- When used at its full height of 2410mm 'De-fence' exceeds the standard. (The industry norm is only 2000mm)
- Clearance below the panels is 100mm which allows for cleaning but prevents unauthorised access.
- Panels in the system can only be removed or adjusted using tools not normally available to operators.
- Panel mesh aperture is 22 x 22mm meaning 'De-fence' can be located at the minimum 120mm from a hazard.



#### DF-LL

General Purpose Gate Latch  
Lockable and self latching.



#### DF-LB

Lockable Drop Bolt  
Key lockable.

# LEGEND



## PROPRIETARY DESIGN

This product has been fully designed and developed by Barrier Group. It is a proprietary product of Barrier Group Pty. Ltd. and protected by copyright.

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## FREE END OF LIFE RECYCLING

Return this product to Barrier Group for free recycling rather than dumping into landfill.

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## NEW AND UNIQUE

This is a new and unique product. It has either been designed, developed and manufactured by the Barrier Group Pty. Ltd. or it is being seen here for the first time.

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## 100% RECYCLABLE

This product is manufactured from virgin grade raw materials and is 100% recyclable using existing, readily available recycling technology and services.

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## RECYCLED MATERIALS

This product has been manufactured from either a combination of recycled materials and virgin grade materials or entirely from recycled materials.

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## HOT DIP GALVANISED

This product has been hot dip galvanised prior to any surface coatings being applied. Hot dip galvanised offers vastly improved corrosion protection and extended life in harsh environments.

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## FIXINGS INCLUDED

This product comes complete with all the necessary fixings to complete the standard installation. When comparing competitors prices against our own, always ensure they have included the fixings with the product (excludes gravel spikes).

## WARNING

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IT'S AGAINST THE LAW – AVOID THE PAIN!