



BALL-FENCE Hand Rail System

Features:

- Modular handrail system that includes stanchions in a range of configurations.
- Components are assembled on site or can be partially assembled in our factory and delivered to site in sections for simple fixing. (Charges apply).
- Components are all hot dip galvanised.
- Complies to AS 1657:2013.
- Suitable for indoor and outdoor use.
- Self closing gates available.

Material: Post 48.3mm O.D. (40mm N.B.)
Handrail 42.4mm O.D. (32 N.B.)
Kneerail 33.7mm O.D. (25 N.B.)

Finish: Hot dip galvanised.

Height: 1017mm ground to handrail centre.
560mm ground to kneerail centre.

Spacing: Max post spacing 2 metres
centre to centre.



Menni Asset Protection for Ball-Fence on page 101.



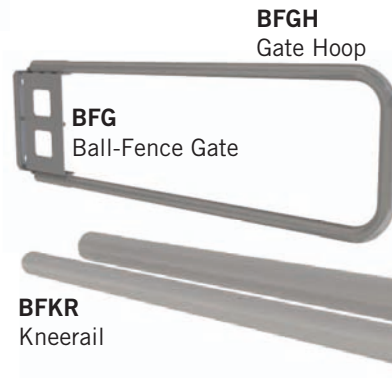
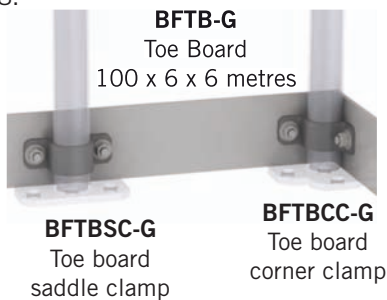
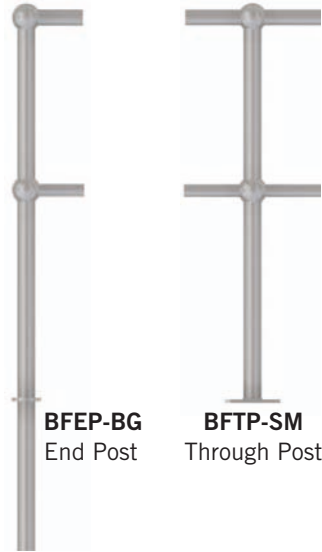
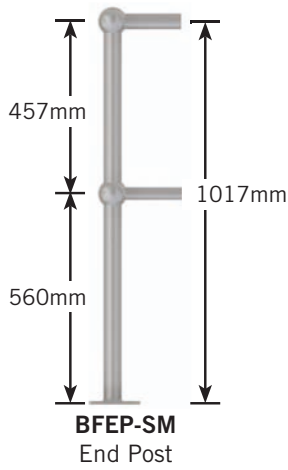
W-Beam Guard Fence for Ball-Fence on page 18-21.



This is an example of the type of corrosion that occurs when you don't use galvanised materials in extreme environments.



Ball-Fence Gates on page 24.



PART No.	DESCRIPTION
BFHR	Hand rail 32 N.B. x 6 metres
BFKR	Knee rail 25 N.B. x 6 metres
BFEP-SM	End post (surface mount)
BFEP-BG	End post (below ground)
BFTP-SM	Through post (surface mount)
BFTP-BG	Through post (below ground)
BFCP-SM	Corner post (surface mount)
BFCP-BG	Corner post (below ground)
BFG	Ball-Fence gate (complete with 1.5 metre hoop) – Galvanised
BFG-P	Ball-Fence gate (complete with 1.5 metre hoop) – Powder coated
BFGPWB-SM	Ball-Fence gate post – Galvanised
C90SM-G	90mm surface mount bollard – Galvanised

PART No.	DESCRIPTION
BFB32	Bend 90° x 32 N.B.
BFB25	Bend 90° x 25 N.B.
BFCB	Closure bend
BFGH	Additional 1.5 metre gate hoop
BFSJ32	Slip joint 32 N.B.
BFSJ25	Slip joint 25 N.B.
BFTP-AF	Through post adjustable foot
BFCP-AF	Corner post adjustable foot
BFTP	Taper pin
BFTB-G	Ball-Fence toe board 100 x 6 x 6 metres – Galvanised
BFTBSC-G	Toe board saddle clamp – Galvanised
BFTBCC-G	Toe board corner clamp – Galvanised



BALL-FENCE GATE



Features:

- Self-closing operation.
- Compatible with Ball-Fence hand rail system.
- Supplied with 42.4mm diameter galvanised hoop.
- Can swing inward or outward.
- Can be used in pairs for wider openings.

Description: Self-closing pedestrian gate.

Compatibility: Ball-Fence hand rail system.

Material: Mild steel.

Finish: Hot dip galvanised or powder coated Yellow.

Operation: Push open assisted closure.

Gate swing: 90 degrees.

Gate stop: Built-in.

Opening: Single gate 1.5 metres.

Max. open: Double gates 3 metres.

Min. open: No minimum.

Adjustment: Cut down on site.

Height: Top rail 1017mm above floor

Clearance: Overhead clearance not applicable.

Mounting: Existing posts, walls, optional posts available.

Weight: 18kgs gate assembly with 1.5 metre hoop.

PART No.	DESCRIPTION
BFG	Ball-Fence gate with hoop – Galvanised
BFG-P	Ball-Fence gate with hoop – Galvanised & powder coated
KIT23	Gate to post fixing kit – Up to 63mm diameter posts
KIT24	Gate to post fixing kit – Up to 90mm diameter posts
C90SM	90mm surface mount bollard for mounting Ball-Fence
BFGPWB-SM	Ball-Fence gate post – 48 x 1017mm
BFGH	Additional 1.5 metre gate hoop



U-BARS Double Rail

Features:

- Three sizes available in below ground or surface mount models.
- Heavy 3mm wall, 48.3mm diameter pipe.
- Fully welded one-piece construction.
- All models are galvanised and powder coated or galvanised only.
- Supplied ready for installation with no assembly required.

Material: Steel pipe 48.3mm diameter, 3mm wall.

Finish: Galvanised and powder coated or galvanised only.

Height: Above ground 1040mm.
Below ground 300mm.

Width: 1000, 1500 or 2000mm.

Weight: UBD100 models 16kgs (approx.)
UBD150 models 19.5kgs (approx.)
UBD200 models 23.5kgs (approx.)

Installation: Surface mount models base plate 150 x 75 x 10mm.
Below ground models come with welded concrete starter bars.

Fixings: Supplied with surface mount models.

PART No.	DESCRIPTION
UBD100SM	U-Bar double rail 1 metre surface mount – Gal. & powder coat
UBD100SM-G	U-Bar double rail 1 metre surface mount – Galvanised
UBD100BG	U-Bar double rail 1 metre below ground – Gal. & powder coat
UBD100BG-G	U-Bar double rail 1 metre below ground – Galvanised
UBD150SM	U-Bar double rail 1.5 metre surface mount – Gal. & powder coat
UBD150SM-G	U-Bar double rail 1.5 metre surface mount – Galvanised
UBD150BG	U-Bar double rail 1.5 metre below ground – Gal. & powder coat
UBD150BG-G	U-Bar double rail 1.5 metre below ground – Galvanised
UBD200SM	U-Bar double rail 2 metre surface mount – Gal. & powder coat
UBD200SM-G	U-Bar double rail 2 metre surface mount – Galvanised
UBD200BG	U-Bar double rail 2 metre below ground – Gal. & pPowder coat
UBD200BG-G	U-Bar double rail 2 metre below ground – Galvanised