



Call our Expert Sales Team for more information.

First Fence Ltd | Kiln Way, Woodville, South Derbyshire, DE11 8EA
01283 512 111 | www.firstfence.co.uk | sales@firstfence.co.uk



Safe, Sustainable and Bright: Child-Friendly Protection!

EnviroRail® Bow Top Play Sec Railings combine a classic, welcoming design with pioneering, low-carbon manufacturing. Utilising custom-formed, laser-cut components pressed together under immense pressure, these railings achieve structural strength comparable to traditional welding while significantly cutting down energy consumption. Specially engineered for child-centric environments like **playgrounds, schools, and parks**, each bay features narrow gaps under 89mm to eliminate trap hazards, alongside smooth, rounded bow tops to prevent injury.

Available in heights of 0.9m, 1.0m, 1.2m, 1.5m and 1.8m, the system accommodates both dig-in and bolt-down installations. Made from high-grade steel and finished in vibrant, durable Polyester Powder Coating (PPC)—including high-visibility multicolour options (1.0m, 1.2m and 1.8m only) —EnviroRail® delivers long-lasting corrosion protection, vibrant aesthetics, and total peace of mind for facility managers and parents alike.

Key Features

- ⊙ **Anti-Trap Design**
(20mm infill bars on 100mm centres creates a tight 80mm daylight gap)
- ⊙ **Traditional Bow Top Design**
(Classic appearance that complements modern and heritage environments)
- ⊙ **Corrosion Resistant**
(Galvanised with a PPC finish offering long-lasting protection against rust)
- ⊙ **Eco-Friendly Manufacturing**
(Laser-cut, press-fit construction reduces energy-intensive welding)
- ⊙ **Smooth, Safe Profile**
(Round top and tubular infill reduce snagging and sharp edges)

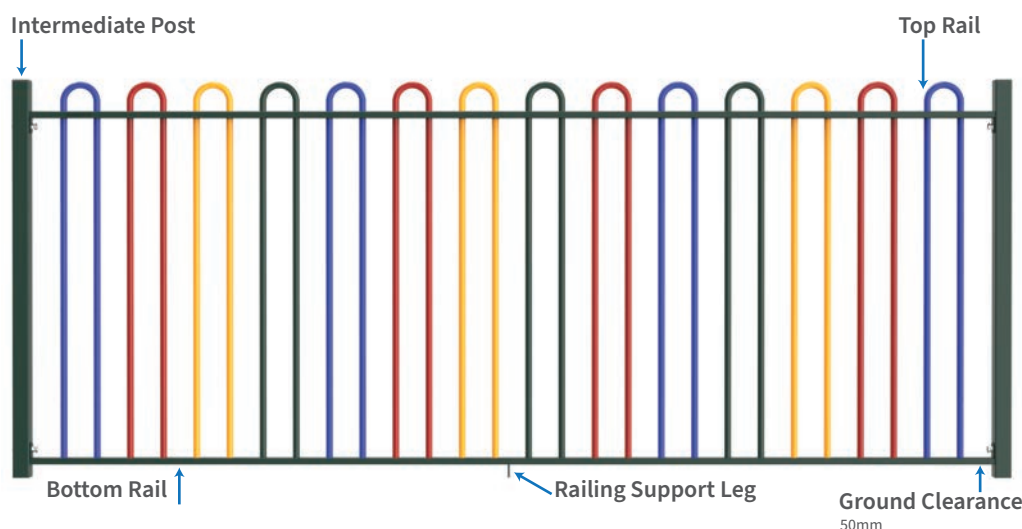
Suitable For

- ⊙ Educational Facilities
- ⊙ Public Parks & Playgrounds
- ⊙ Residential Developments
- ⊙ Historic & Heritage Sites
- ⊙ Commercial Perimeters



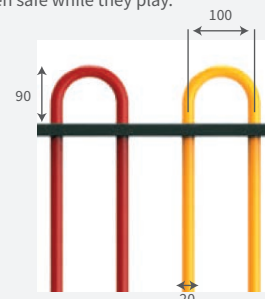
Multi-Coloured Play Sec is available in 1.0m, 1.2m and 1.8m only

EnviroRail® Railings Details



Playground Safety Made Simple

To prevent dangerous head entrapment, both BS EN 1176-1:2017 and RoSPA require vertical gaps to stay strictly under **89mm**. Unlike standard railings—which often leave hazardous openings of 100mm or more—the EnviroRail® PlaySec features **20mm** infill bars on **100mm** centres. This creates a tight, **80mm** daylight gap that eliminates trap hazards, keeping children safe while they play.



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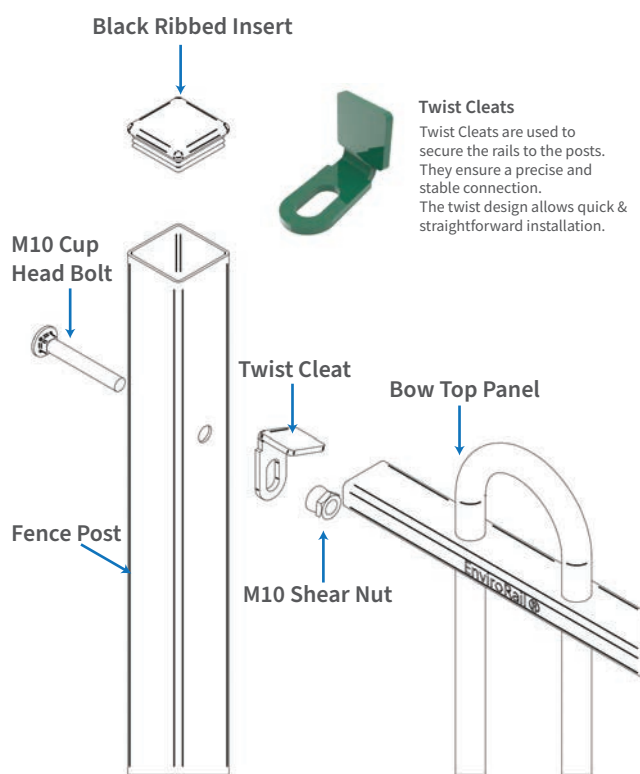
Railings Specifications

HEIGHT	BAY WIDTH	POST HEIGHT	POST SECTION	TUBE Ø	MATERIAL	FINISH	DIG IN DEPTH
0.9m	2900mm	900mm (BD) 1400mm (DI)	50x50x2mm (SHS)	20mm	Pre-Galvanised Steel	Powder Coated	500mm
1.0m	2900mm	1000mm (BD) 1500mm (DI)	50x50x2mm (SHS)	20mm	Pre-Galvanised Steel	Powder Coated	500mm
1.2m	2900mm	1200mm (BD) 1700mm (DI)	50x50x2mm (SHS)	20mm	Pre-Galvanised Steel	Powder Coated	500mm
1.5m	2900mm	1500mm (BD) 2000mm (DI)	60x60x3mm (SHS)	25.4mm	Pre-Galvanised Steel	Powder Coated	500mm
1.8m	2900mm	1800mm (BD) 2400mm (DI)	60x60x3mm (SHS)	25.4mm	Pre-Galvanised Steel	Powder Coated	600mm

Multi-Coloured Play Sec is available in 1.0m, 1.2m and 1.8m only.

BD = Bolt Down, DI = Dig In. Play Sec Bow Railings are made from hollow tube.

How it all fits together



Often Purchased With:



For a strong installation, you will need post mix or ground anchor bolts, depending on the post style (dig in or bolt down format).



Pristine Protection

A RAL-matched touch-up spray is the ultimate insurance policy for your new railings.

While powder coating is incredibly durable, minor scuffs from transit or installation are often unavoidable. By matching the exact colour of your railings, you can instantly vanish nicks and seal the steel against moisture.



Fix It Kit for EnviroRail®

Simplify the repair process! This fix it kit includes everything needed for a seamless fix, including twist cleats, M10 Nuts and Bolts, Support Leg and Touch Up Spray. Available in Black, Green, Blue or Red (RAL matched to our EnviroRail® railings).

Take a look at
our full
EnviroRail® line!

[CLICK HERE](#)



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