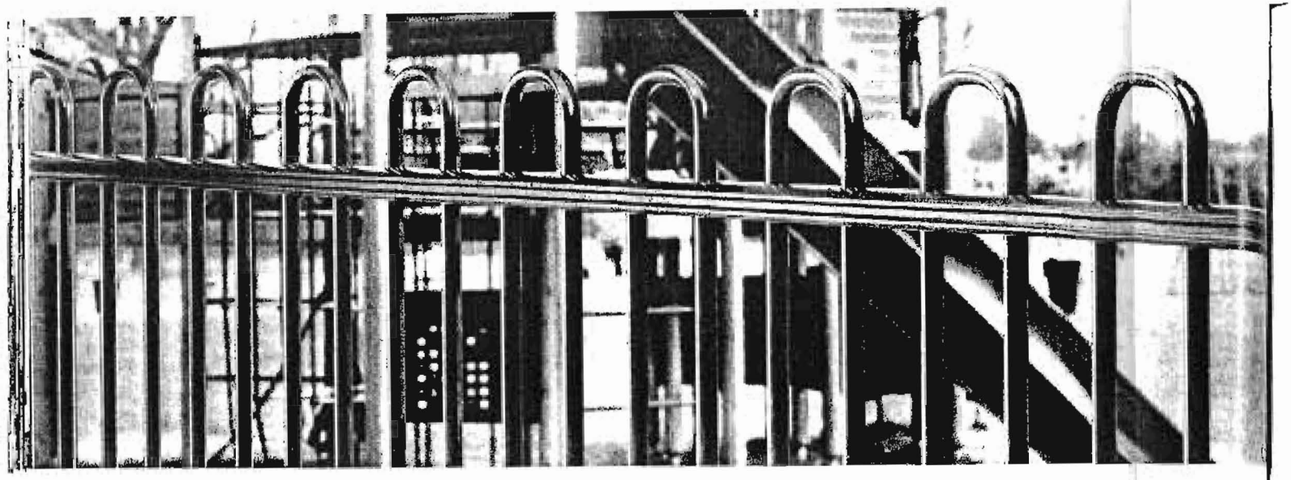


The Sentinel Convex & Matrix Railings Systems

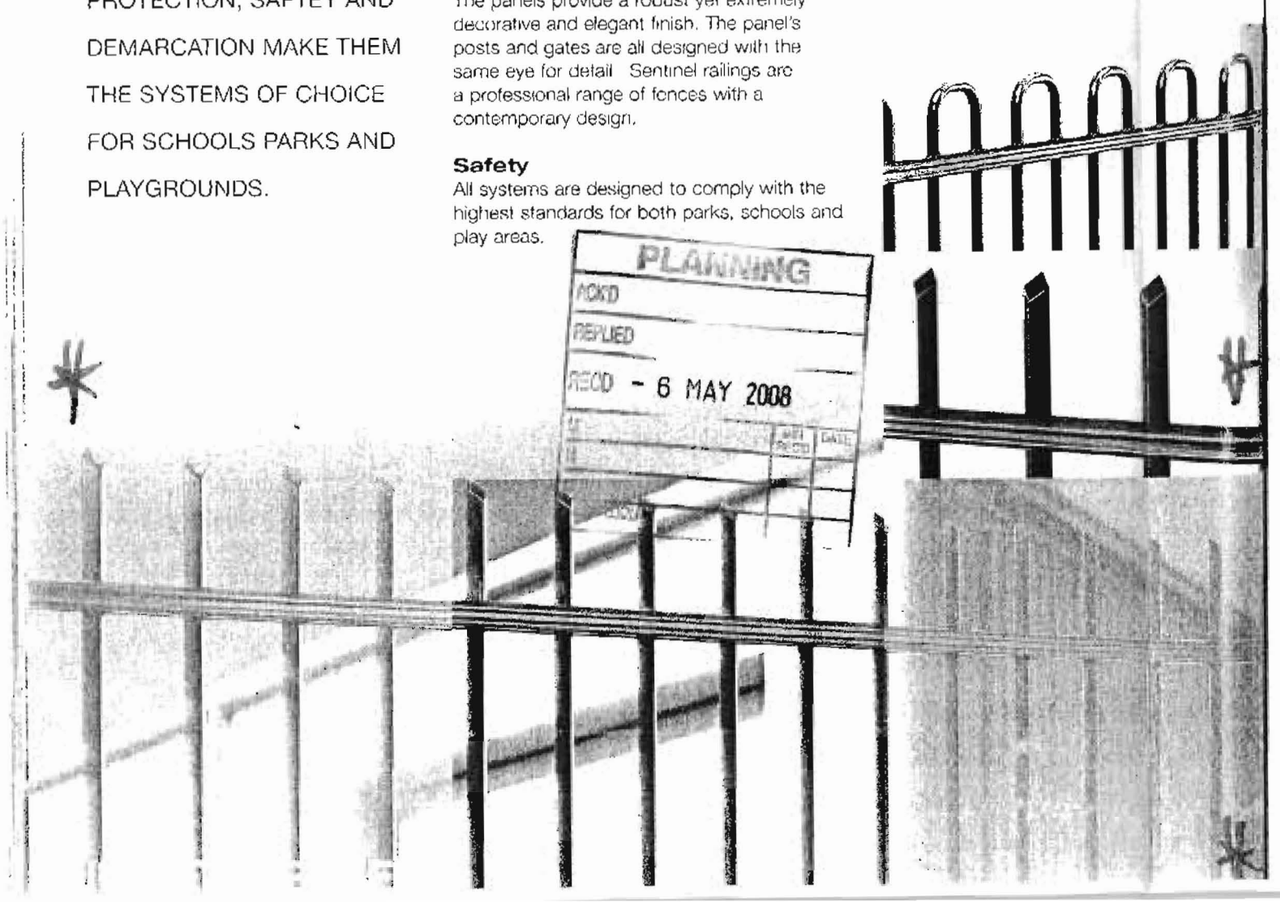
DESIGNED TO SUIT APPLICATIONS WHERE THE EMPHASIS IS NOT EXCLUSION BUT PROTECTION, SAFTEY AND DEMARCATION MAKE THEM THE SYSTEMS OF CHOICE FOR SCHOOLS PARKS AND PLAYGROUNDS.

Built in rigidity
Very high rigidity achieved by using unique custom rolled 'C' section to top and bottom rails with welded vertical infill tubes.

Aesthetics
The panels provide a robust yet extremely decorative and elegant finish. The panel's posts and gates are all designed with the same eye for detail Sentinel railings are a professional range of fences with a contemporary design.

Safety
All systems are designed to comply with the highest standards for both parks, schools and play areas.

Easy installation
This system is designed to be easily installed and all components are designed to be fully integrated and concealed. The system allows for stepping of up to 150mm per panel, to cope with slopping ground.



TECHNICAL SPECIFICATIONS

Panels are available in 4 specifications in a full range of heights from 1.0m to 2.4m. All panels are constructed from custom rolled 'C' section horizontal rails with both round and square vertical tube infill. Different railing styles are available to suit different requirements, both visual and security performance. Bow top options are ideal for applications where safety is paramount importance for example, the enclosure of children's play areas. Where security and deterrence are required, circular or diamond section straight pales with optional square-cut or angle-cut tops to deter climbing are available.

Rolled and welded square hollow section tube.
1.0m – 1.2m high: 60 x 60 x 2mm
1.5m – 2.0m high: 60 x 60 x 2.5mm
2.4m high: 80 x 80 x 2.5mm

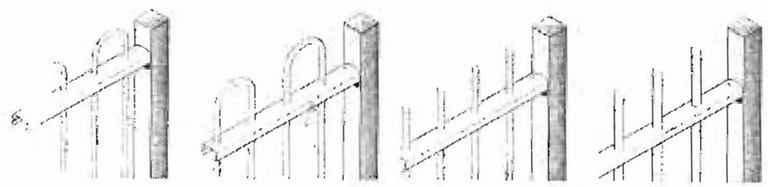
Black GRP spacers are inserted into each end of the horizontal rails and are recessed on the underside to guide the rails into



position on the mounting brackets, in both the level and stepping positions. The recess is also designed to allow the panels to pivot through 5° (250mm) backwards or forwards from the post, for installation around flat or sloping curves.

The Sentinel railing systems are totally finished and safely equipped with single or double gates. Infill tubes and gate heights match the adjoining fence panels. Horizontal rails are located at the same height as the adjoining panels, and have 50mm minimum ground clearance.

To pass 1000 hour salt-spray testing
Galvanizing, hot dipped
Polyester: 60 microns minimum thickness
Colour: RAL 6005 Green – other colours are available by request



RAILING PANELS

Rail style	Tube type	Tube size mm	Fence height mm	Panel size height x width mm	Maximum gap between verticals mm
Sentinel Convex Play	Round	20 diameter	1000	950 x 2850	89
			1200	1150 x 2850	
Sentinel Convex Bow Top		26 diameter	1500	1450 x 2850	99
Sentinel Convex		26 diameter	1800	1750 x 2850	
			2000	1950 x 2850	
Sentinel Matrix	Square	25 square	2400	2350 x 2850	

catalog
panel syste

Applications
A versatile railing system ideal
applications where the empha
not on exclusion but on protec
safety and demarcation. Such
children's playgrounds, school
parks and commercial premise

