



Practical and aesthetically pleasing tubular balustrade system particularly suited to staircases.

Key Benefits

- Pre-manufactured to speed up installation.
- No hot works on site.
- Addresses modesty concerns.

Accreditations



Orbis is our most popular system, utilised in many varied applications due to its flexibility and is very quick to install. Perforated panel infills offer a solid solution where glass is not suitable.

FINISH TYPE	PRODUCT	INTERNAL	EXTERNAL	MARINE*
Satin polish stainless steel	Sigma	✓		
	Ultra		✓	
Bright polish stainless steel	Lustre	✓	✓	✓
PPC solid colour	HiBuild	✓		
	HiBex		✓	
PPC metallic colour	HiMet	✓		
	HiMex		✓	
Hardwood (Handrails only)	Delamere	✓		

*Suitable for swimming pools.

Options

Fixing

- SF1 - 2 Point Side Fix
- TF1 - Top Fix (with circular cover rose)
- TF2 - Grout Fix (with circular cover rose)
- TF4 - Offset Top Fix

Infill Options

- Mild Steel Powder Coated (for internal applications)
- Aluminium Powder Coated (for external applications)

Loadings

- 0.74kN

Handrail & bracket type*



• BB6 - Inline handrail



• BB3 - Offset handrail with radius bracket

Panel Clamps



• L3 - D lug



• L4 - Banjo lug

*All available with or without lighting.



Applications
 For internal and external applications in healthcare, residential, education, transport, commercial, community & public, hotels, leisure and retail.



Technical Information

DIMENSIONS

Height Guidance	Baluster Size	Handrail Size	Infill Size	To suit stair angle	Well Width	Fixing Position
<ul style="list-style-type: none"> 900-1000mm Stairs 1100mm Min on landings/voids Infill or balustrade can continue above 1100mm 	<ul style="list-style-type: none"> 50 Series 48mm - 0.74kN loading 	<ul style="list-style-type: none"> 40 Series 42mm tubular 50 Series 48mm tubular 	<ul style="list-style-type: none"> 3mm thickness (Mild Steel) 4mm thickness (Aluminium) 60mm margin, 12mm dia holes at 20mm pitch (applicable for both thicknesses of panel) 	<ul style="list-style-type: none"> 26 - 36 degrees 	<ul style="list-style-type: none"> No minimum for top fix Typically 300mm minimum for side fix (If the 'well' is less, please contact Delta to discuss options) 	<ul style="list-style-type: none"> Top fix (TF1) 100mm from face of stair/slab to centreline of balustrade Offset Top fix (TF4) 80mm from face of stair/slab to centreline of balustrade Side fix (SF1) 40mm from face of stair/slab to centreline of balustrade

Cost Indication

