



Practical and aesthetically pleasing tubular balustrade system particularly good for staircases.

Key Benefits

- Pre-manufactured to speed up installation.
- No hot works on site.
- 100% bolt through glass lugs eliminating glass slippage.

Accreditations



Orbis is our most popular system, utilised in many varied applications due to its flexibility and is very quick to install. Especially common in public buildings and schools.

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

Glass Options

- Toughened Glass
- Laminated Glass (Recommended)
- Heatsoaked Glass
- Etched (sandblasted)
- Screen Printed
- Coloured
- Extended glass (above the handrail)

Loadings

- 0.74kN
- 1.5kN
- 3.0kN

Handrail & bracket type*



• BB6 - Inline handrail



• BB3 - Offset handrail (single or double) with radius bracket

Panel Clamps



• L3 - D lug



• L4 - Banjo lug

*All available with or without lighting.



Applications

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

db
Delta Balustrades
EXPERTISE YOU CAN LEAN ON



Technical Information

DIMENSIONS						
Height Guidance	Baluster Size	Handrail Size	Glass Thickness	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 48-51mm - 0.74kN loading 60 Series 60-63mm - 1.5kN & 3.0kN loading 70 Series 70-76mm - 3.0kN loading 	<ul style="list-style-type: none"> 40 Series 42mm tubular 50 Series 50mm tubular 60 Series 60mm tubular 	<ul style="list-style-type: none"> Toughened 10mm Laminated 11.5mm 	<ul style="list-style-type: none"> 26 - 36 degrees 	<ul style="list-style-type: none"> 200mm minimum side fix No minimum for top fix 	<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

