



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	✓	✓	✓
PPC solid colour	HiBuild	✓		
	HiBex		✓	
PPC metallic colour	HiMet	✓		
	HiMex		✓	
Hardwood (Handrails only)	Delamere	✓		
Hardwood effect	DelamereX	✓	✓	

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	Infill Size	To suit stair angle	Well Width
<ul style="list-style-type: none"> 900-1000mm Stairs 1100mm Min on landings/voids Infil 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

Cost Indication

