



Optik SHOE™ Stainless Steel and Glass Railing System

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Detailed description

Pre-engineered, modular glass and stainless steel, post-free balustrade system suitable for interior and exterior applications.

Features and benefits:

- Hidden mechanical connections minimize on-site fabrication and provide security after installation.
- Unobtrusive 'floating glass' appearance; steel fixtures designed to provide a minimalist style.
- Geometrically coordinated mounting attachments.
- Designed, engineered and manufactured in accordance with BS 6180, BS 6399 and BS 8300.
- A stainless steel covered channel supports glass panels that are secured in place using a patented disc lock system, providing a clean, uninterrupted look.
- Top rails, 38 or 51 mm diameter. in either brushed stainless steel or a selection of hardwoods that can be a natural finish or stained to match other interior wood finishes.
- Bends or mitred joints are factory prepared to tight tolerances ensuring quality of fit and finish.
- Manufactured from 1.4307 (304L) grade stainless steel for internal use. 1.4404 (316L) grade stainless steel is required for external use.
- Environmentally friendly.
- 25-year guarantee.

Applications:

- Single or multi-dwelling units.
- Offices and industrial buildings.
- Schools.
- Health care.
- Assisted living facilities.
- Public buildings.

Approvals:

Optik SHOE™ handrails meet ADA requirements.

Product guidance - As Standard

Finish:

All stainless steel supplied in a brushed (240-grain) satin finish.

HDI Railing Systems



Options

Top rail:

- Diameter:

38 mm. Tube wall: 2 mm-thick (stainless steel models only).

- Material:

Wood species:

- Kiln dried as standard.
- Other species and finishes available on request (a sample must be submitted for finish required).
- Wood rail attaches to 13 x 18 mm continuous stainless steel bar at supports and connections.

- End style:

Straight.

- Supports:

- Diameter: 13 mm.
- Material: Stainless steel.
- Fastening base: 38 mm rosettes.

Infill:

Maximum glass width: 1524 mm.

Product specification

Manufacturer

- Name: HDI Railing Systems
- Web: www.hdirailings.co.uk
- Email: Smaguire@hdirailings.com
- Tel: +44 7383 436490
- Address: 1st Floor West Davidson House, Forbury Square, Reading, Berkshire RG1 3EU

Product reference	Optik SHOE™ Stainless Steel and Glass Railing System
Total height	[_____]
Layout	[_____]
Loading requirement	0.36 kN/m 0.74 kN/m

HDI Railing Systems



1.5 kN/m
3.0 kN/m

Top rail

- Type	Not required 48 mm rail Stainless steel cap rail, round, 38 mm diameter Stainless steel cap rail, round, 51 mm diameter Stainless steel cap rail, round, 64 mm diameter Stainless steel cap rail, square, 25 mm Stainless steel cap rail, square, 51 mm
- Material	AISI 304 grade stainless steel - Standard. AISI 316 grade stainless steel AISI 316L grade stainless steel Solid wood/ stainless steel
Wood species	Not required - Steel/ stainless steel handrails only. Beech - Standard. Beech with dark cherry stain Beech with light cherry stain Birch - Standard. Birch with light cherry stain Maple - Standard. Oak with dark cherry stain Bespoke - Consult manufacturer and insert requirements.

Handrail

- Material	AISI 304 grade stainless steel - Standard. AISI 316 grade stainless steel AISI 316L grade stainless steel Solid wood/ stainless steel
Wood species	Not required - Steel/ stainless steel handrails only. Beech - Standard. Beech with dark cherry stain Beech with light cherry stain Birch - Standard. Birch with light cherry stain Maple - Standard. Oak with dark cherry stain



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