

Spectrum supplement

Introducing three exciting new innovations



R2R adaptable ramp handrails



Timberline wood-effect handrails



Clearview Balcony in a Box

The latest additions to the Spectrum range of handrail and balustrade systems from

NEACO

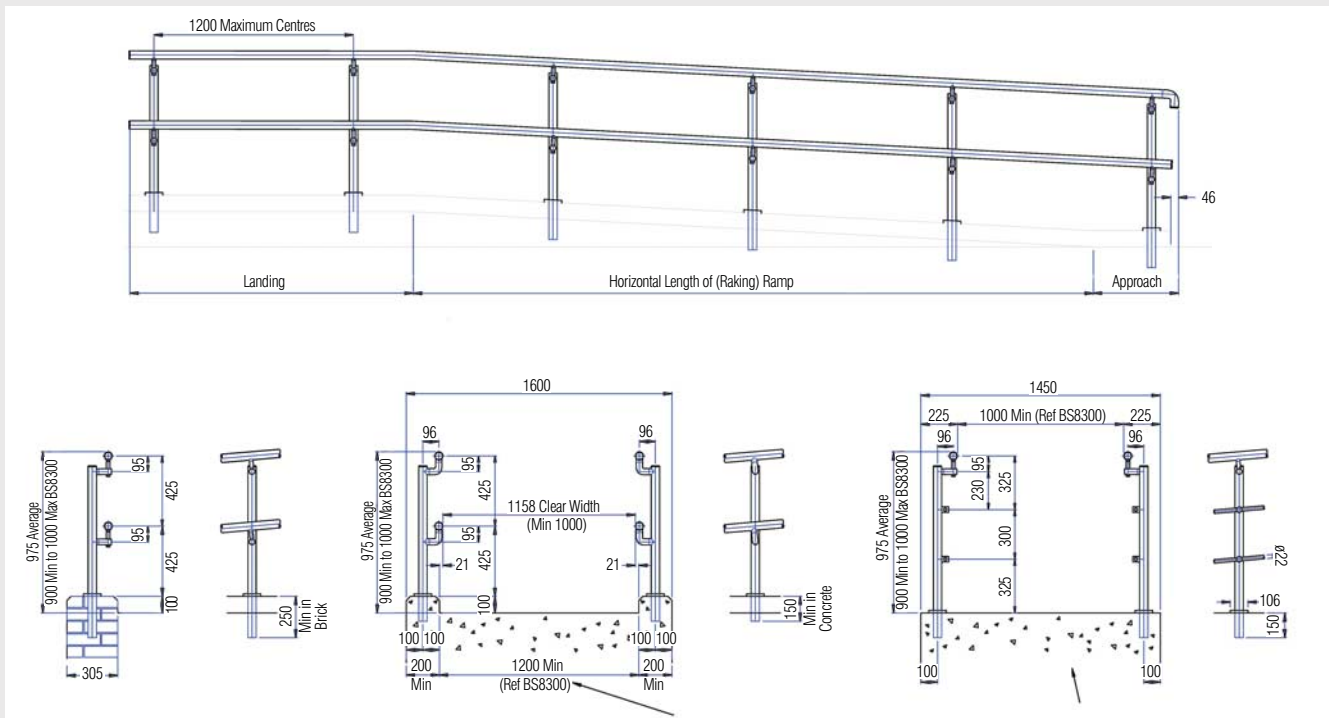
Spectrum

R2R

Adaptable and quick to install - an ideal solution for ramps

Invariably one of the last installations to be scheduled at a development, the completion of ramps with accompanying rails is usually required within a very short timescale. Neaco's new R2R system offers a fast, reliable solution which delivers materials to site within four weeks of ordering.

It's quick and easy - all you need to do is supply a plan with the ramp's approximate length including landing and approach (to within 100mm) plus the positioning of the structure into which stanchions can be grouted.



The offset top rail is ideal for stub walls and with the single offset midrail providing a children's handrail as required in many situations. This system meets the requirement of BS8300 that the handrail is 'not more than 100mm from the surface width of the ramp,' with stub walls.

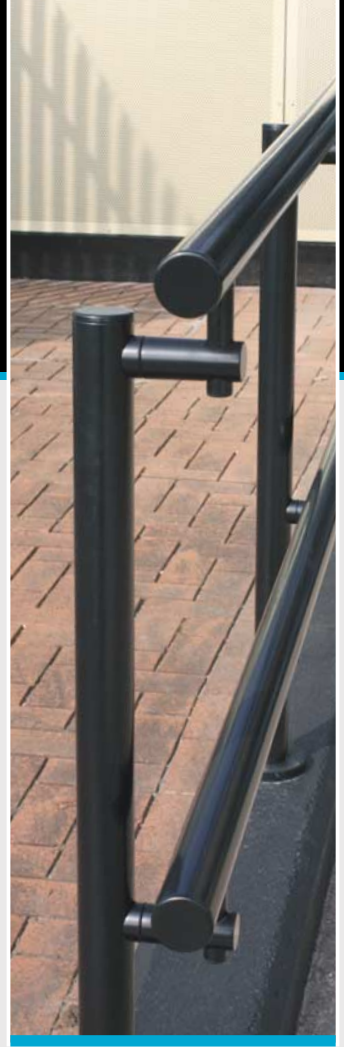
Surface width of ramp is 1200mm. So with balustrade both sides as above an overall width of 1600mm minimum should be allowed.

The clear width between handrails should be 1000mm. So with balustrade both sides as above a total ramp width of 1450mm minimum should be allowed.

- Rail length can be adjusted on site to ± 100 mm from ramp drawings.
- 4 week lead time for materials to site.
- Installation period dependent on size of project.
- Due to use of grout in bases rail height can be adjusted.
- Diamond drilling on site allows stanchions to be positioned to suit.
- Offset rails can be set at any angle.
- New 45mm diameter top rail now available.

Our balustrade is made to suit all the legal gradients:

LIMITS FOR RAMP GRADIENTS (Ref BS8300 & Doc M)		
RAMP LENGTH	MAX GRADIENT	TOTAL RISE
10m	1:20	500
5m	1:15	333
2m	1:12	166



Timberline

Wood-effect handrails

Producing a variety of intricate wood-effect finishes, Timberline is the latest exciting addition to the Spectrum handrail and balustrade range. Timberline brings the aesthetic virtues of timber without the environmental and maintenance concerns associated with it.



- *To the naked eye Timberline's beautiful reproduction of natural wood grain is indistinguishable from the real thing*
- *Available in a matt or gloss finish, the handrail's timber style combines superbly with a metallic-finish balustrade, either in aluminium or stainless steel*
- *Timberline is warm and comfortable to the touch with the superior smoothness of a powder coated finish*
- *Timberline is non-absorptive - unlike genuine timber handrails, which require ongoing treatment to maintain their aesthetic, prevent absorption of bacteria and control infection*
- *Timberline offers the same design versatility, durability and high performance synonymous with the Spectrum range*
- *Kinder to the environment and cost effective!*



SPECTRUM®





Timberline

technical specifications

- Manufactured in accordance with BS 6180:1999
- Modular system offers the versatility to meet virtually any design requirement, no matter how complex. No welding.
- Engineered to close tolerances, with quality formed bends eliminating the need for unsightly mitred joints. No welding.
- Component parts are mechanically secured with concealed fixings, requiring no welding and ensuring rapid assembly on site (all fixings are supplied).
- Available with a choice of infill options, including glass, perforated panels or 22mm rail infills.
- Balustrades can be designed to suit the following Kn/m loadings: 0.36, 0.74, 1.5, 3.0. Please specify your loading requirement with your enquiry.
- Top rail available in 45mm or 50mm diameter mounted on 50mm diameter stanchions.

Timberline handrails

- Aluminium alloy to BS1474:1987 (6063 T4 & T6).
- Satisfies Fire Officer requirements.
- Infills and stanchions are selected to suit site requirements, environment and loadings.
- Comfortable and warm to the touch.
- Maximum lengths 1550mm.
- New 45mm diameter top rail now available.

Colour range

Available in either a matt or gloss finish.



Light Oak



Medium Oak



Dark Oak





Clearview Balcony in a Box

Clearview Balcony in a Box provides a choice of three easy specification packages that guarantee lead times of no more than three weeks from order.

These ultra-stylish Juliet balcony designs feature a top rail in a powder coated aluminium finish which is non-chip

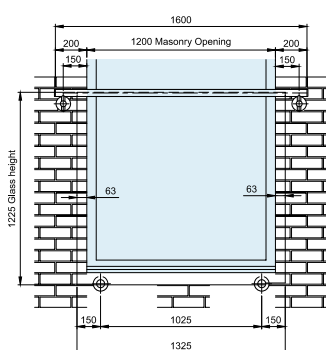
and rust-free, providing a permanent aesthetic and maintenance-free use. Subtly secured in place by circular support brackets, with no stanchions needed, toughened glass panels provide minimalist looks, maximum sunlight penetration and an unobstructed view out.

It couldn't be easier. It couldn't be quicker. Choose Clearview Balcony in a Box as your beautifully simple solution.

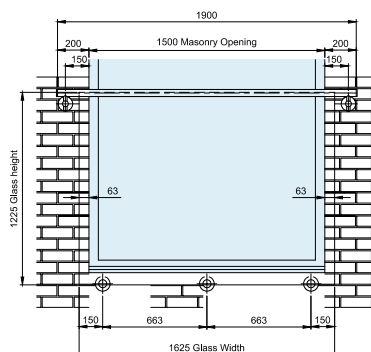
	MASONRY OPENING		QUANTITY 10MM GLASS PANELS	QUANTITY BOTTOM BRACKETS
	SUITS MIN SIZE	SUITS MAX SIZE		
TYPE A	1125mm	1275mm	1	2
TYPE B	1425mm	1575mm	1	3
TYPE C	1725mm	1875mm	2	4

FINISH: Powder coated aluminium (50) finish. Special colours available upon request.

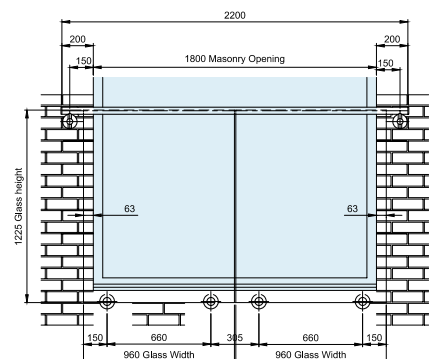
LEAD TIME: 3 weeks from order details. **GLASS COLOUR:** Clear.



TYPE A



TYPE B



TYPE C

In accordance with BS 6180:1999 the balustrade has been designed to meet the minimum horizontal imposed loads stated in BS 6399:part1:1996 for occupancy A, B, E and C3.

Fixings are not supplied - these are to be determined by the project's structural engineers on the assumption that the wall construction is capable of withstanding the applied load.



www.neaco.co.uk

When you offer such a diverse range of modular balustrade and handrail systems incorporating numerous design and infill options, a brochure cannot convey all the architectural possibilities.

For more information or an opportunity to view samples please contact us for an immediate response.

All NEACO products are subject to a continuing process of research and development and may be altered without notice.

All NEACO products are supplied subject to our Conditions of Sale which are supplied with every quotation (copy available on request).



NEACO

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