

# NEOTIMBER'S CAPPED COMPOSITE BALUSTRADES

NeoTimber's composite balustrade range is a smarter, longer-life alternative to timber. A modern solution that possesses the sleek design and enhanced performance that has become synonymous with NeoTimber® products. The solution comes in five premium colours to match NeoTimber's range of capped composite decking boards.

Strong, safe and building regulation compliant for levels greater than 600mm, the post sleeves and rail sets are housed in a premium capping, offering enhanced stain, fade and splinter resistance.



## WHY CHOOSE NEOTIMBER COMPOSITE BALUSTRADES?



### FIVE PREMIUM COLOUR OPTIONS

The NeoTimber® balustrade system comes in a selection of five colours, matched to perfectly compliment our range of capped decking products. This variety in colour offers the ability to both match your deck colour for a monochromatic look or compliment contrasting colour options.

### ENHANCED FADE, STAIN, SPLINTER RESISTANCE AND PROTECTION

Timber handrails tend to succumb to the harsh conditions of the outdoors. Splintering, rotting, staining and fading are all problems that are experienced overtime. A capped composite solution with aluminium posts inserts and spindles expertly negates these issues.



### A HYBRID SOLUTION FOR ULTIMATE FLEXIBILITY

Unlike many restrictive composite balustrade designs, the component-based solution offers ultimate versatility which allows the same product to be installed on both linear runs and as railings on stairways. This results in an out-the-box solution, compatible with a wide range of designs and applications.

**TECHNICAL SPECIFICATIONS**

**LOW MAINTENANCE**



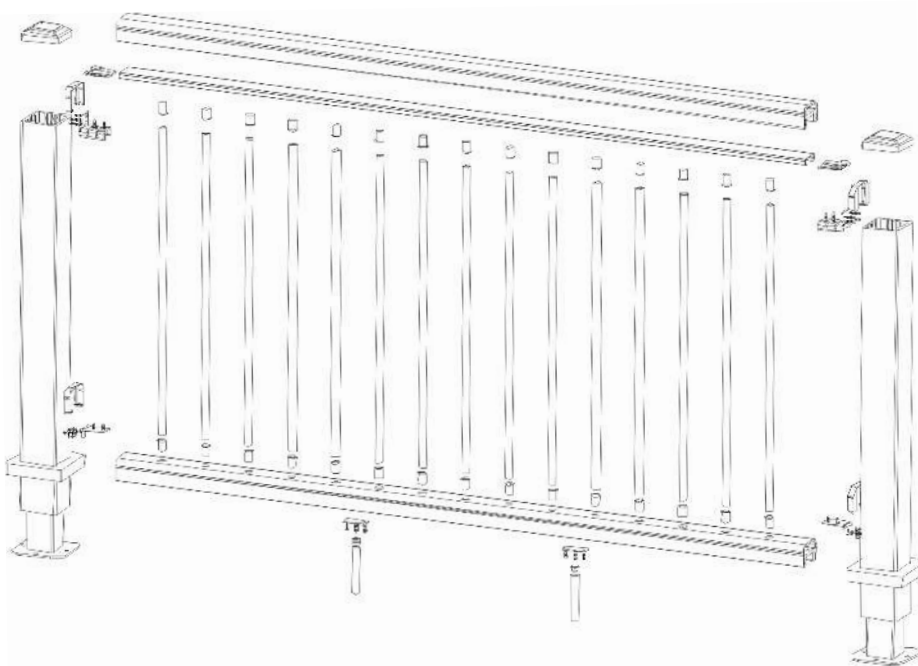
**STAIN RESISTANCE**



**FADE RESISTANCE**



**BALUSTRADE COMPONENTS**



**LOAD TEST RESULTS**

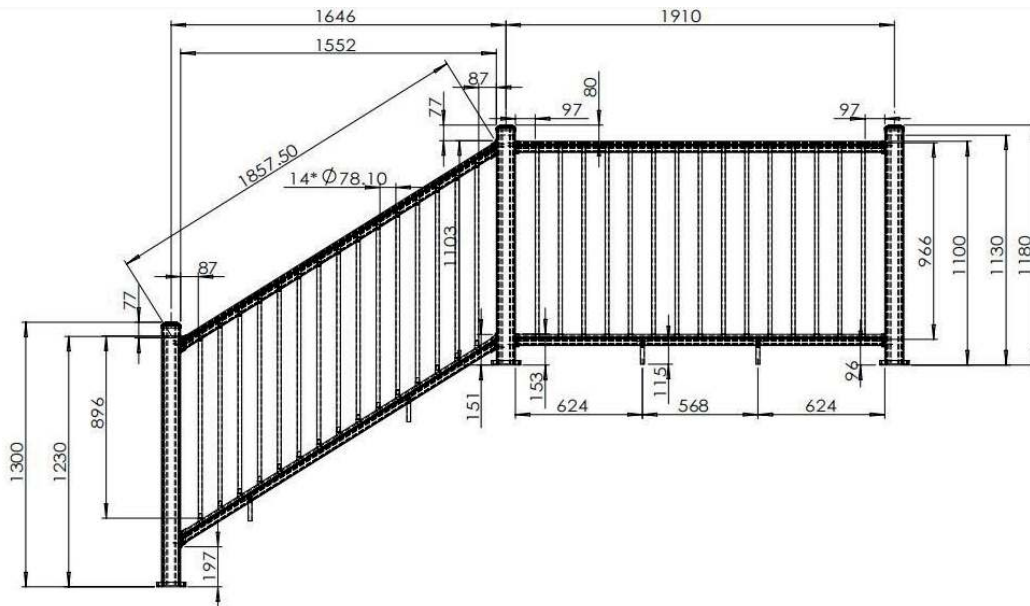
**ASTM D7032-17 Concentrated Load.**  
Top rail midspan: No failure @ 500lbf (2224N)  
Top rail adjacent to post: No failure @ 500lbf (2224N)  
Top of post: No failure @ 500lbf (2224N)

**ASTM D7032-17 Uniform Load.**  
Vertical load: No failure @ 125plf (1825N)  
Horizontal load: No failure @ 125plf (1825N)

**ASTM D7032-17 In-Fill Load.**  
Centre of rail: No failure @ 125 lbf (556N)  
Left bottom rail: No failure @ 125lbf (556N)  
Right top rail: No failure @ 125lbf (556N)

\*Results based on the correct installation of the full NeoTimber balustrade system including railing and posts.

**BALUSTRADE DIMENSIONS**



# GREY. CHARCOAL. ANTIQUE. TEAK. CHOCOLATE. OUR BALUSTRADE COLOURS.



Grey



Charcoal



Antique



Teak



Chocolate

## DESIGN & BUILD YOUR BALUSTRADE SOLUTION

NeoTimber's flexible system gives you the ability to cater your requirements based on your specific design. Rail sets and individual posts can be purchased as individual parts in order to reduce wastage and cater for whatever your design requires.



Composite Balustrade Post

**Dimensions:**

1300mm (h) x 94mm (w)

**Each Set Includes:**

Post, steel insert, cap, skirt and all fixings.



Composite Balustrade Railing

**Dimensions:**

1816mm (w) x 1100mm (h) with 19 spindles.

**Each Set Includes:**

Handrail, bottom rail, spindles and all fixings.

Need help?

Call us on 01509 323 170

or email [enquiries@neotimber.com](mailto:enquiries@neotimber.com)