

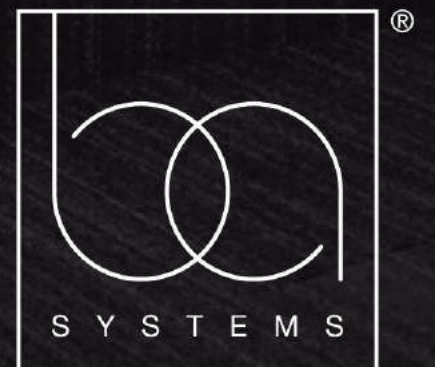
Stair Balustrades and Handrails

An elegant and cost effective balustrade
and handrail system



INTRODUCTION

“Featuring the B10 Wall Handrail and B20 Post and Infill Balustrade, our Stair Package is a stylish and functional solution for stair cores.”



BENEFITS

Stair Balustrades and Handrails

- Provides a **cost-effective** balustrade solution, without compromising on aesthetics
- The products are **manufactured off-site** to minimise onsite install time
- With **welded joints**, the system provides seamless handrail connections
- With satin stainless steel material and welded joints, the system is extremely **hard wearing** and demands **little maintenance**
- A variety of infill and handrail options are available to ensure **compliance** in all environments
- Handrail lengths are delivered in large modules to ensure maximum **install speed**
- The fast product installation **minimises interruption to other trades** and personnel dependant on using the critical stair core access points





Inline Glass

10mm heat soaked toughened or 11.5mm toughened and laminated glass infills mounted in line with the balustrade on clamp and pin fixings, with opaque privacy and low iron options.



Offset Glass

10mm heat soaked toughened or 11.5mm toughened and laminated glass infills mounted offset to the balustrade on engineered fixings, with opaque privacy and low iron options.



Wire

Specified quantity of horizontal wires mounted in line with the balustrade. These type of infills are only suited to office or commercial environments where children are not likely to be present or where the balustrade acts as a barrier rather than protecting a drop in level.



Midrails

Specified number of 12-25mm diameter horizontal mid rails offset or in line mounted to the balustrade or a single 50mm diameter horizontal mid rail. Suited to office or commercial environments where children are not likely to be present or where the balustrade acts as a barrier.

B20 BALUSTRADE TECHNICAL DETAILS – OTHER OPTIONS

Handrails:



Inline

Continuous handrail mounted in line with the balustrade.



Offset

Continuous handrail mounted offset to the balustrade posts.

Finishes:



Satin Stainless Steel

Brushed stainless steel available in 304 grade for internal use and 316 grade for external use.



Polished Stainless Steel

Polished stainless available in 316 grade for marine environments.



Polyester Powder Coated

Achieves a resilient finish with a huge range of RAL colour options.

Base Fixing:



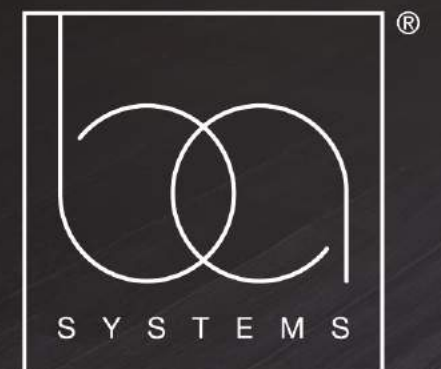
Surface Mounted

Balustrade posts surface mounted to concrete/steel substrates with plates fixed in 4 points over a pre-fixed spigot, then concealed with fixing cover roses.



Side Mounted

Balustrade posts side mounted to concrete or steel substrates with a 2 point spacer and bolt system.



B10 WALL HANDRAILS TECHNICAL DETAILS

Handrail bracket:



Wall Mount

50 and 42mm diameter round handrails mounted on circular handrail brackets with fixing cover roses.



Circular Surface Mount

50 and 42mm diameter round handrails surface mounted on circular handrail brackets with cover roses to the tops of parapet walls.

Finishes:



Satin Stainless Steel

Brushed stainless steel available in 304 grade for internal use and 316 grade for external use.



Polished Stainless Steel

Polished stainless available in 316 grade for marine environments.



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CASE STUDIES – ATRIUM BUILDING, EAST CITY POINT

NAME - Atrium Building, East City Point

SECTOR - Residential

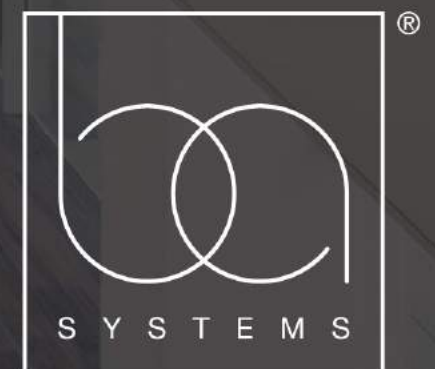
LOCATION - Canning Town

ARCHITECT - Shephard Epstein Hunter

CONTRACTOR - Countryside Properties

BALUSTRADE VALUE - £830K

The Countryside development is part of a £3.7 billion development of Canning Town and Custom House. The building provides 152 private and affordable homes all within the same building. BA Systems were engaged by Countryside Properties to provide a balustrade solution to the walkways and stair cores. The B20 Balustrade and B10 Wall Mounted Handrails provided a contemporary stair core solution to complement the award-winning walkways and atrium area.



CASE STUDIES – OASIS ACADEMY

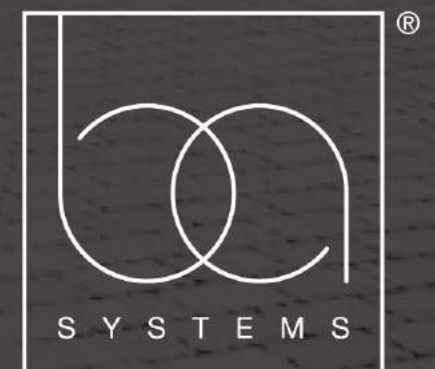
NAME - Oasis Academy Arena
SECTOR - Education
LOCATION - Croydon
ARCHITECT - Curl La Tourelle Architects
CONTRACTOR - Willmott Dixon
BALUSTRADE VALUE - £85K

Oasis Academy Arena is sponsored by Oasis Community Learning. The Croydon school was built for children between 11 and 16 years. BA Systems were commissioned by Willmott Dixon to provide the B20 Post and Glass balustrade to the stair cores. These balustrades were complemented by a satin stainless steel B10 Wall Mounted Handrail.

Contractor Testimonial

"This is exactly the type of relationship that I enjoy being part of. Thank you for taking the time and working with us to achieve our end goal. By remaining flexible and assisting Willmott Dixon you have truly shown what a valuable member of our Supply Chain team you are."

Douglas Gardiner MSc CIPS, Supply Chain Manager



BA SYSTEMS BRIEF OVERVIEW

Balustrade Systems for the construction industry.

Over the past 20 years, BA Systems has redefined the design, manufacture, installation of glass balustrade systems. By streamlining our products and project processes, we have been able to significantly improve our service. We can consistently offer short lead-times to meet changes in programme, along with rapid, hassle-free installation.

Our balustrades are categorised into 5 systems. Each system has a range of options to suit your project.

B10

WALL-MOUNTED HANDRAIL



Complementary handrails, designed to coordinate with our balustrade systems.

[VIEW B10 ONLINE](#)

B20

POST & INFILL



Highly versatile stair and balcony handrail system, with many finishes & infill options.

[VIEW B20 ONLINE](#)

B30

FRAME & INFILL PANEL



Innovative framed balcony and interfacing system, with concealed fixing.

[VIEW B30 ONLINE](#)

B40

FRAMELESS GLASS



Enjoy uninterrupted views with this minimalist, all-glass solution.

[VIEW B40 ONLINE](#)

B50

VERTICAL BAR



The classic flat bar balustrade refined for modern construction methods.

[VIEW B50 ONLINE](#)

WHY CHOOSE BA SYSTEMS

Getting the design right as early as possible in a project ensures success for all parties involved.

Step one

INITIAL DESIGN REVIEW

At the initial pre-order stage, a detailed design review is completed to ensure all parties understand and agree on the overall concept – this ensures our proposals meet all requirements.

Step two

DESIGN DEVELOPMENT

We collaborate with all parties involved in a project, to develop the design and successfully meet all requirements. Our CAD facilities enable us to offer 3D visuals to ensure clarity - this process facilitates the approval process and saves valuable project time.

Step three

SURVEY & MANUFACTURE DRAWING

When the site is fully ready, we survey all relevant areas and provide detailed manufacture & installation set out drawings. These are based on the site's dimensions and all previously agreed elements. A final copy of these are submitted to our clients for their records.

“We’re ready,
when you are ready for us!”

Construction programmes are constantly changing. To ensure we fully meet our clients’ needs, we have spent the last 12 months further streamlining all of our processes - from initial site survey and design & drawing, through to our manufacturing and site installation procedures.

This means we have improved our service level and at the same time, more than halved our average lead-time from 12 weeks to less than 6 weeks.

What difference does this make to you?

1. We are more **flexible** - we can accommodate changes in programme, “We’re ready, when you are ready for us”
2. We are **reliable** - we consistently meet our client's final agreed installation dates.
3. We carry out **rapid** installation - the installation of our products is completed in remarkably short time on site.
4. We aim to achieve **no hassle** - With BA's management pro-actively working closely with our clients project management team, we do all we can to assist them with smooth & snag free completions.



GET IN TOUCH

We have successfully achieved accreditation from, and are fully compliant with the following regulatory bodies:



Contractors Health and Safety
Assessment Scheme (CHAS)



**BUILDER'S
PROFILE**

Collaboration and sharing of
PQQ information



BSI – in the use of industry-
respected best practices



Constructionline

A government run scheme to regulate
health & safety standards



SMAS health & safety
membership organisation



Construction Skills Certification
Scheme (CSCS)

**DOWNLOAD ALL BA SYSTEMS
ACCREDITATIONS HERE**

The balustrade system specialists™

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www.basystems.co.uk

BA Systems is a registered
trademark of Brass Age Ltd.

For more information about our products or to
discuss your project, please contact us today:

GET IN TOUCH ONLINE

A selection of some of the companies we have partnered with:



**MORGAN
SINDALL**



mace

**CARTER
BUILDER**

WILLMOTT DIXON

Wates

COUNTRYSIDE
Places People Love



Higgins

VINCI

**BUILDERS
SISK
CONTRACTORS**

Balfour Beatty

bam

FARRANS

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