LINEAR LIGHT
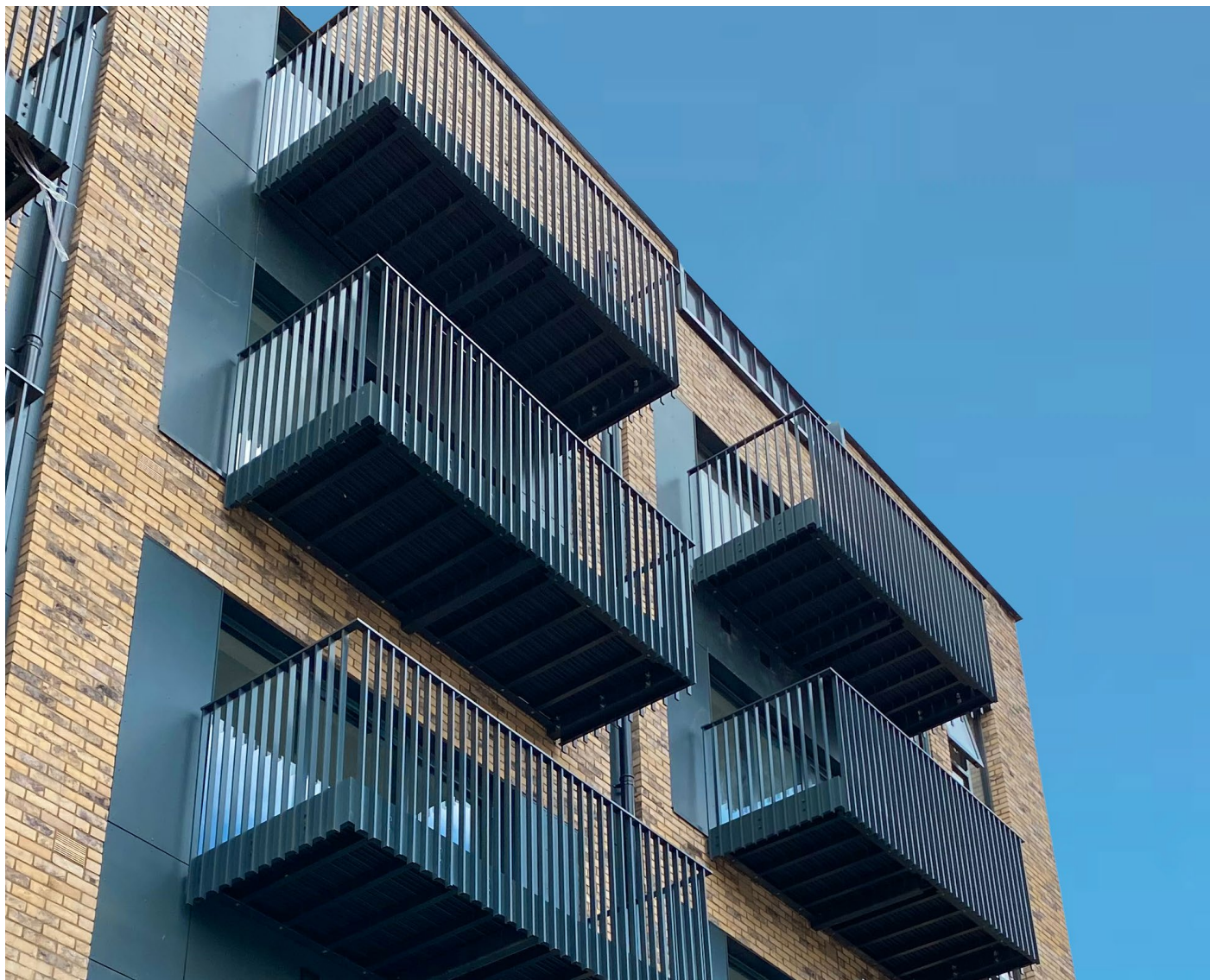
BALUSTRADE SYSTEM

A fully integrated, versatile balustrade system.

Linear Light Balustrade System.

Linear Light is a modular balustrade system designed to **integrate seamlessly** with any frame or building structure.

Linear Light Balustrade Systems are designed to match all other systems ensuring a perfect harmony of products on every project.

Side Mounted balustrade system to connect to steel frames, concrete slabs, or walkway parapets.

6mm Extruded aluminium facia panels, available in either 300mm or 400mm high. Bespoke heights are available if needed.

Pre-designed first fix brackets to connection simple and cost effective.

BALUSTRADE OPTIONS

Solving wind mitigation, vision privacy, or simply just complementing design aesthetics, there is a variety of infill bar options available to suit any requirement.
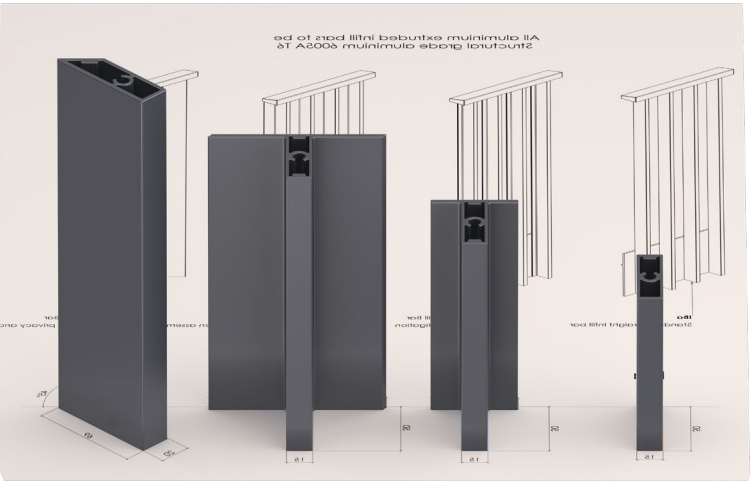
RANGE OF COLOURS

Allowing for architectural flair, all profiles are powder coated individually, giving options for 1 solid colour, or multiples.
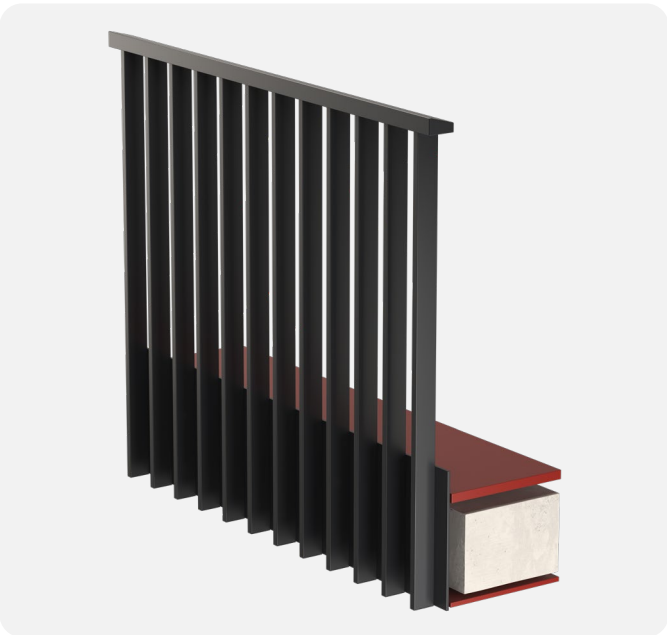

Linear Light Balustrade System Types.

Fixing	Steel Face Fix
Product Code	LL-SF

Fixing	Concrete Face Fix
Product Code	LL-CF

Fixing	Parapet Face Fix
Product Code	LL-PF

PRODUCT CODE   **LL-SF**

Technical drawings and components details provided

EXAMPLE CONNECTION (not included)
(10) Mild Steel Section
(11) M10 A2 SS Torx Bolt 400-600mm centers
(12) M10 A2 SS Washer
(13) M10 A2 SS Nyloc Nut
(14) Spacer Plate

SYSTEM COMPONENTS

PROFILES

1	IBa	Infill Bar
2	HCa	Handrail Capping
3	HBa	Handrail Base Carrier
4	MFb/MFc	Fascia

FITTINGS

5	CS2001	LH 60x35 Handrail End Cap
6	CS2002	RH 60x35 Handrail End Cap
7	CS2006	Infill Bar End Cap

FIXINGS

8	CSF2006	M8x30mm Torx Pan Taptite
9	CSF2003	M6x20mm Torx Pan Taptite

Overall Length Varies up to 6500mm
15
100 Typical
60
15°
35
1100mm From FFL Typical
50
50
Varies by Project Design
300 or 400
600 Typical Centers

SYSTEM FEATURES

Horizontal Line Load **0.74KN**	Weight **<20kg per l/m**
Fast Installation **Simple Adjustments**	Horizontal tolerance **Unlimited**
Coating **Qualicoat**	Fire Rated **A2-s1, d0**

SYSTEM CONNECTIONS

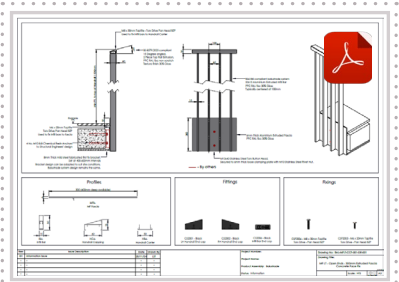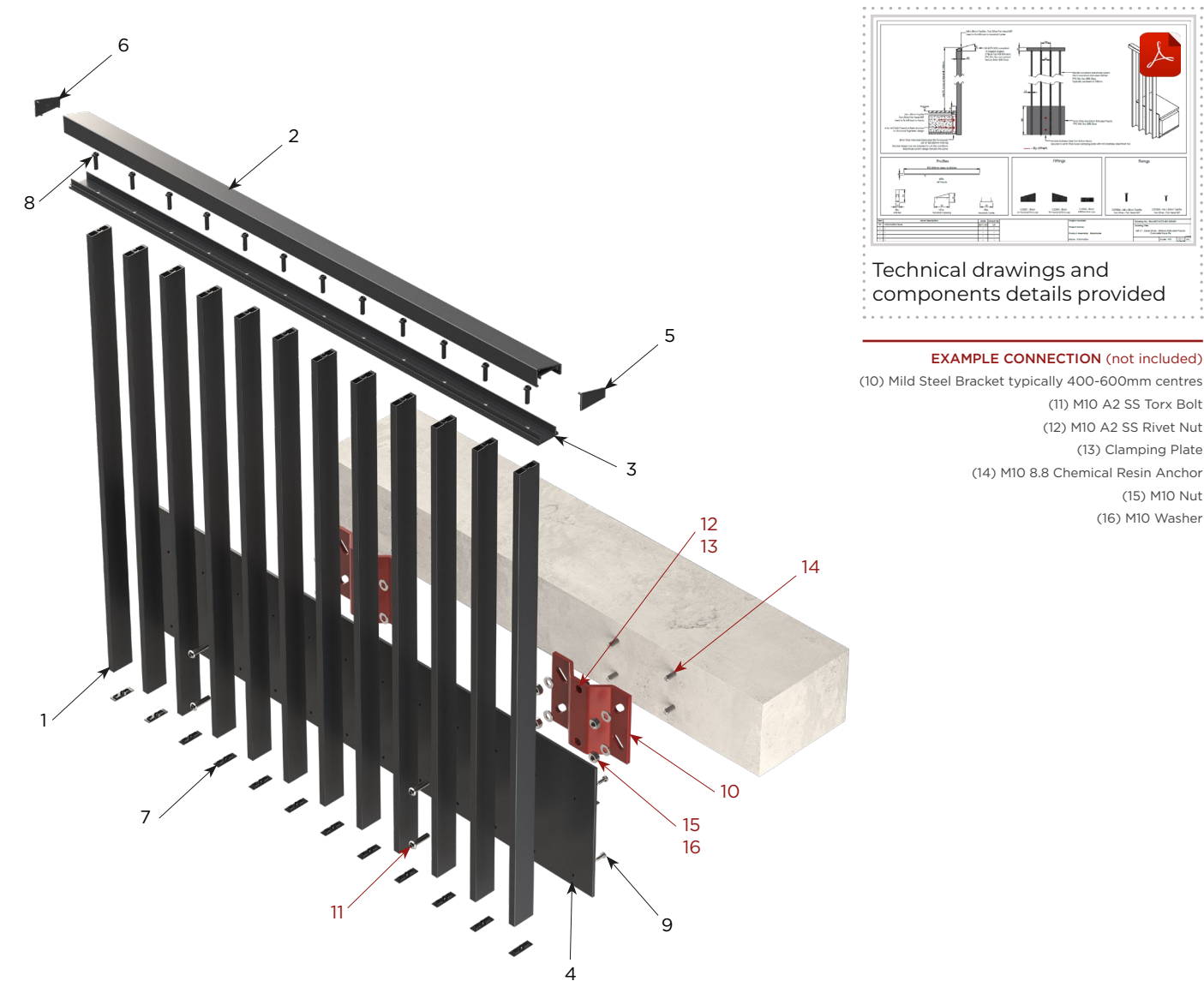|		
Connection Example **Mild Steel PFC**	Connection Example **Mild Steel UC**	Connection Example **Bespoke**

PRODUCT CODE   LL-CF

Technical drawings and components details provided

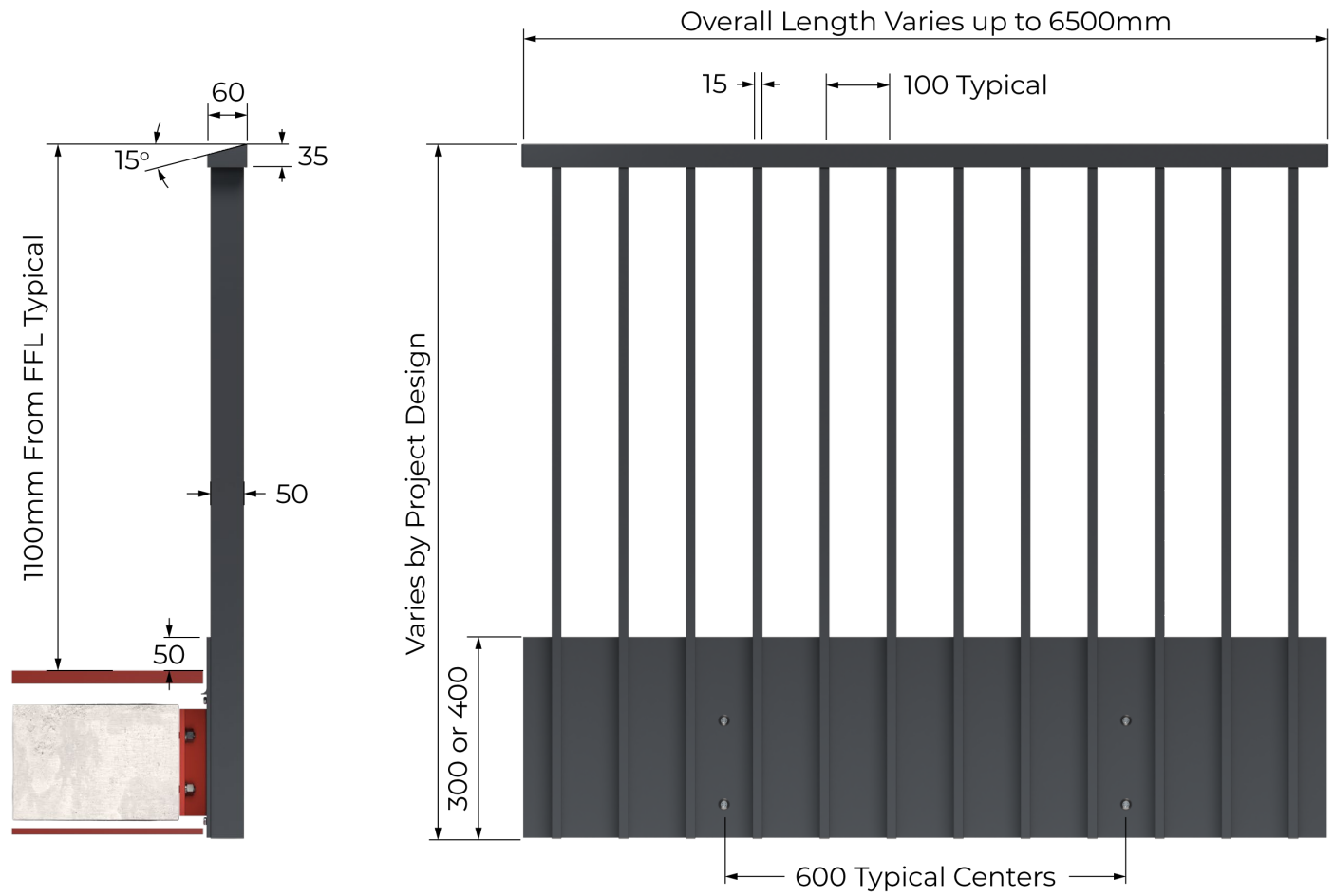**EXAMPLE CONNECTION** (not included)
(10) Mild Steel Bracket typically 400-600mm centres
(11) M10 A2 SS Torx Bolt
(12) M10 A2 SS Rivet Nut
(13) Clamping Plate
(14) M10 8.8 Chemical Resin Anchor
(15) M10 Nut
(16) M10 Washer

SYSTEM COMPONENTS

PROFILES

1	IBa	Infill Bar
2	HCa	Handrail Capping
3	HBa	Handrail Base Carrier
4	MFb/MFc	Fascia

FITTINGS

5	CS2001	LH 60x35 Handrail End Cap
6	CS2002	RH 60x35 Handrail End Cap
7	CS2006	Infill Bar End Cap

FIXINGS

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9	CSF2003	M6x20mm Torx Pan Taptite

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60

15°   35

1100mm From FFL Typical

Varies by Project Design

50

50

300 or 400

600 Typical Centers

SYSTEM FEATURES

Horizontal Line Load **0.74KN**	Weight **<20kg per l/m**
Fast Installation **Simple Adjustments**	Horizontal tolerance **Unlimited**
Coating **Qualicoat**	Fire Rated **A2-s1, d0**

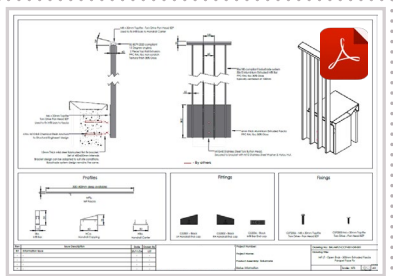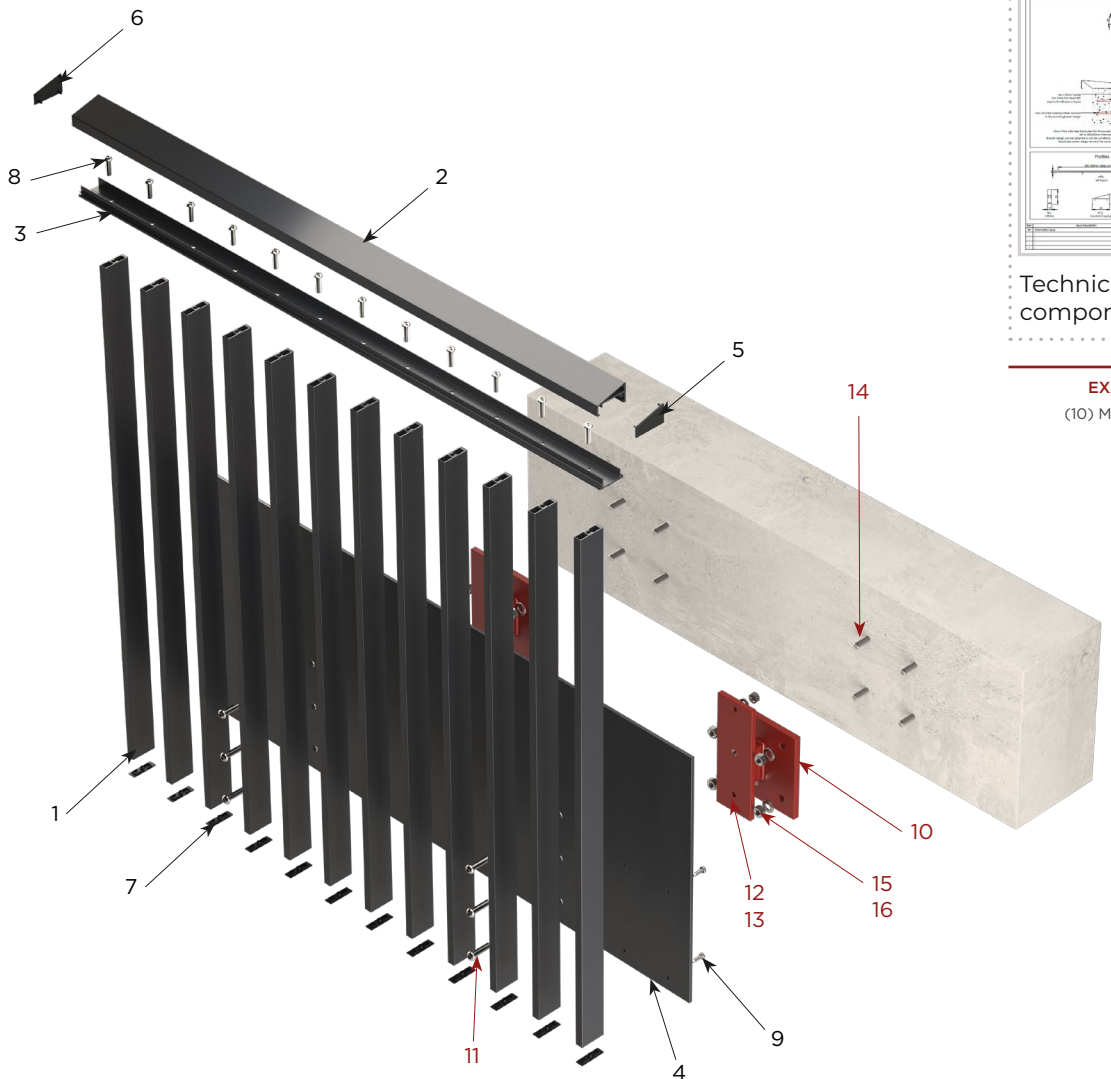## SYSTEM CONNECTIONS

Connection Example **Mild Steel Bracket**	Connection Example **Bespoke**

PRODUCT CODE **LL-PF**

Technical drawings and components details provided

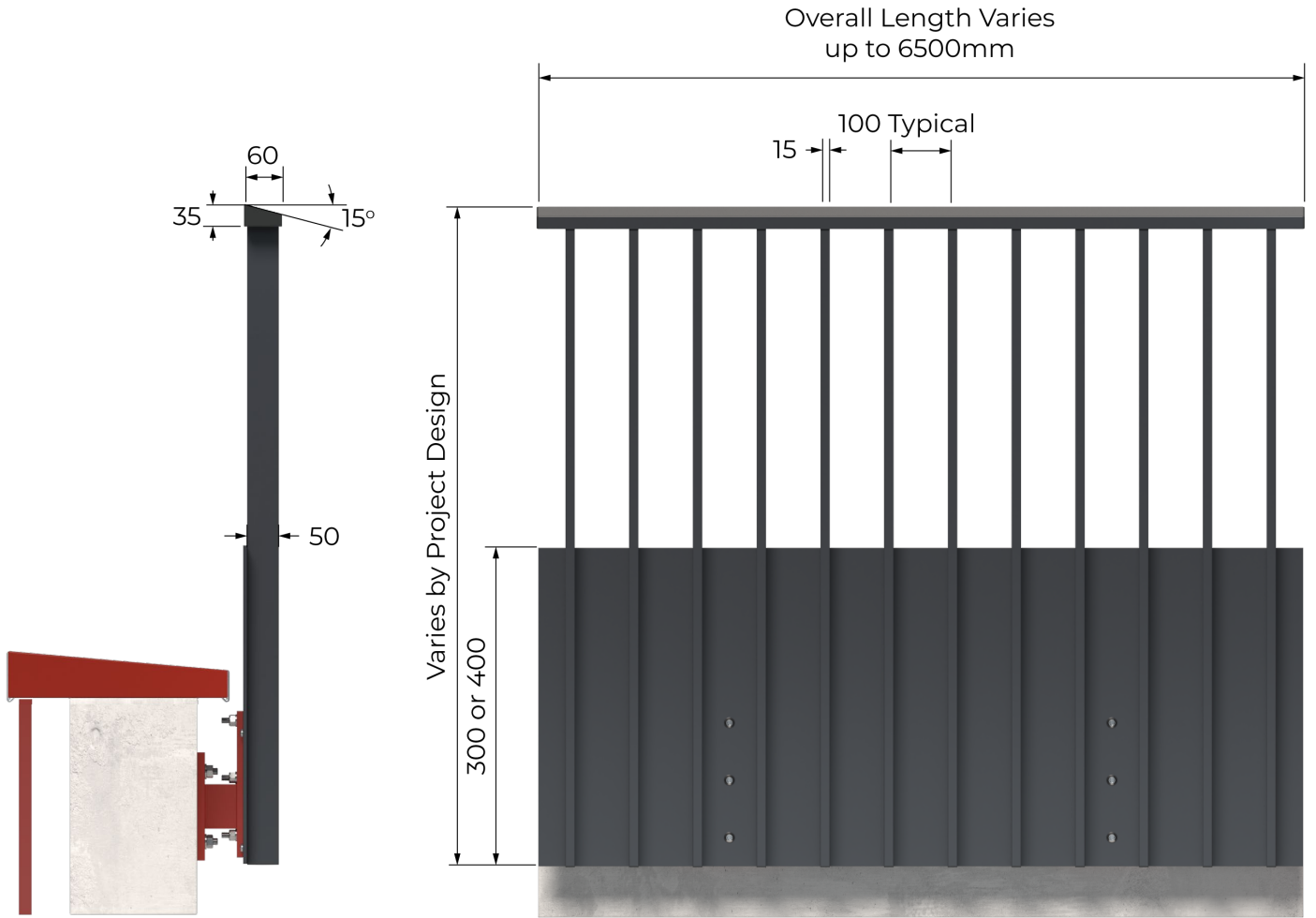**EXAMPLE CONNECTION** (not included)
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(12) M10 A2 SS Washer
(13) M10 A2 SS Nyloc Nut
(14) M10 8.8 Chemical Resin Anchor
(15) M10 Nut
(16) M10 Washer

SYSTEM COMPONENTS

PROFILES

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100 Typical

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60

35   15°

50

Varies by Project Design

300 or 400

SYSTEM FEATURES

Horizontal Line Load 0.74KN	Weight <20kg per l/m
Fast Installation Simple Adjustments	Horizontal tolerance Unlimited
Coating Qualicoat	Fire Rated A2-s1, d0

SYSTEM CONNECTIONS

Connection Example Mild Steel Bracket	Connection Example Bespoke

VANTAGE JULIET BALCONY SYSTEMS

Structurally engineered profiles make up a modular system which is fully compliant with BS8579:2020 and BS6180.

Top and bottom sloped profiles reduce pooling water and dirt build-up.
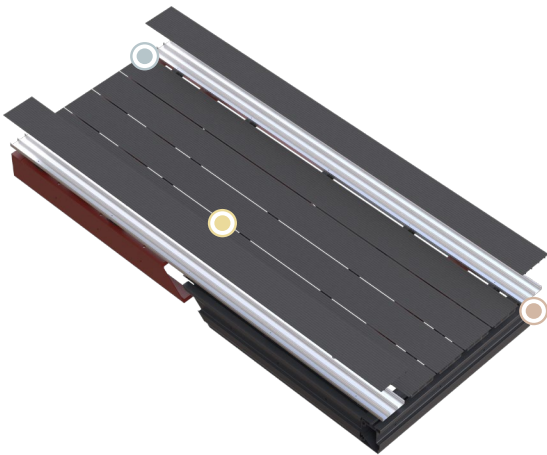
PRODUCT HIGHLIGHTS AT A GLANCE:

Under 25kg per l/m	Sloped Handrail - Finished in a Textured Paint	No welds or visible fixings

VERSATILE DECKING SYSTEMS

Designed for durability and easy installation, our Versatile Elite decking systems offer open joints or channelled drainage at no extra cost – perfect to meet any project drainage requirements.

Patent pending removable top surface eliminates any risk of site damage when fitting a balcony system, saving time and unexpected costs.

For maximum cost efficiency, we can offer Versatile Light, the perfect board for remediation projects.
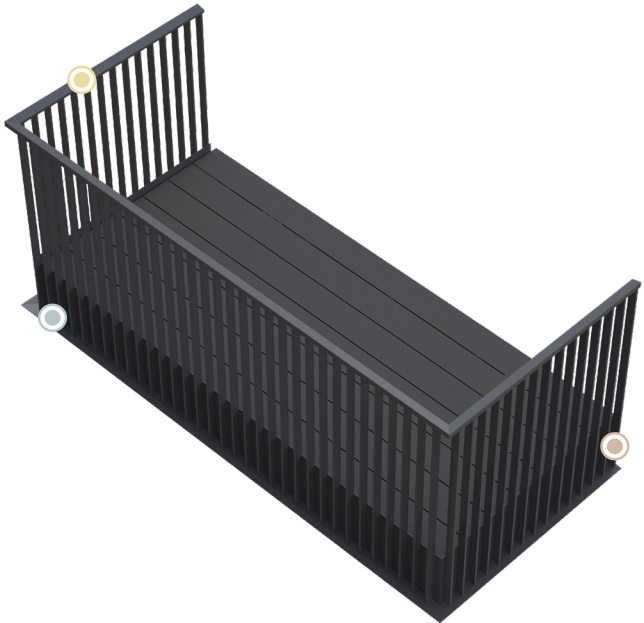
PRODUCT HIGHLIGHTS AT A GLANCE:

Boards: A2 Class Non-Combustible	Slip Resistant Decking Properties	Connects to Steel Frame or Aluminium Chassis

GATEWAY

bsi Balcony and Terrace Design BS 8579:2020 VERIFIED   NHBC

- ✓ Fabricated Steel Frame, OR
- ✓ Processed Aluminium Chassis
- ✓ Final processing – less than 50 cuts
- ✓ Processed in 44 minutes per system
- ✓ Assembled in 1 hour per system
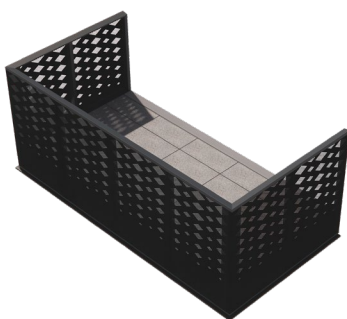- ✓ No Sheet Metal
- ✓ Cost Efficient

PRODUCT HIGHLIGHTS AT A GLANCE:

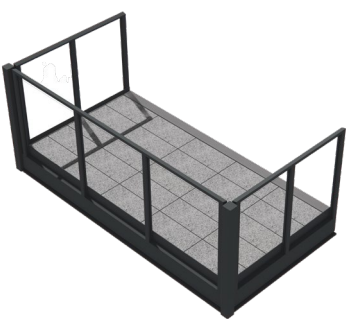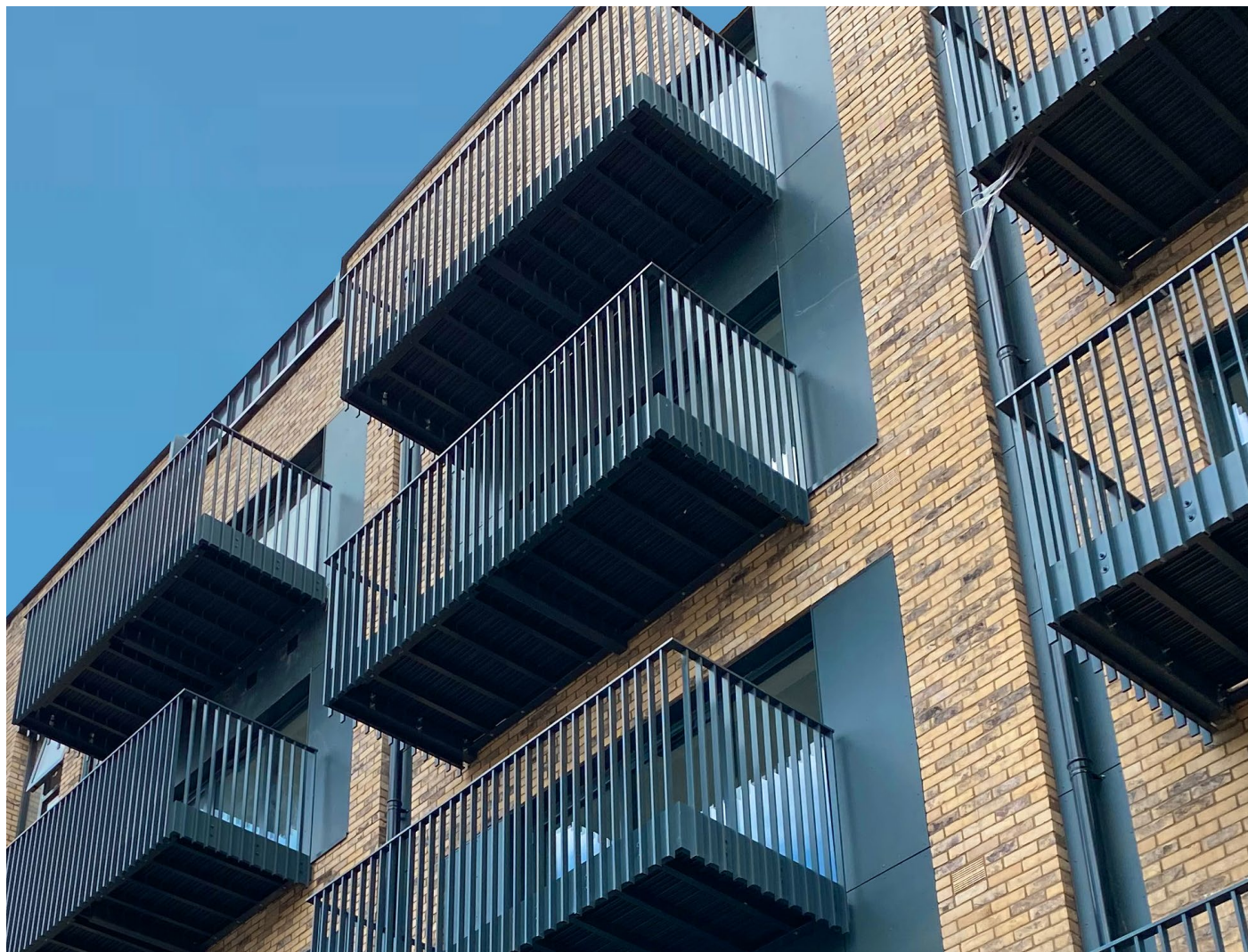| 30mm drip edge for BS8579:2020	Balustrade assembly with no welds or visible fixings	Interlocking soffits

YOUR GATEWAY READY BALCONY SYSTEMS

MF	PB	GT

HIGHLIGHTS AT A GLANCE:

KG — WEIGHT PER M2 — 75kg	ASSEMBLY TIME — 1 Hour

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ENHANCING LIFE ON THE SKYLINE.

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FINISH STRONG