



ALUMINIUM BALUSTRADE SYSTEMS

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Premium Perf balustrade

Horizontal Slat balustrade

v2



The essentials.

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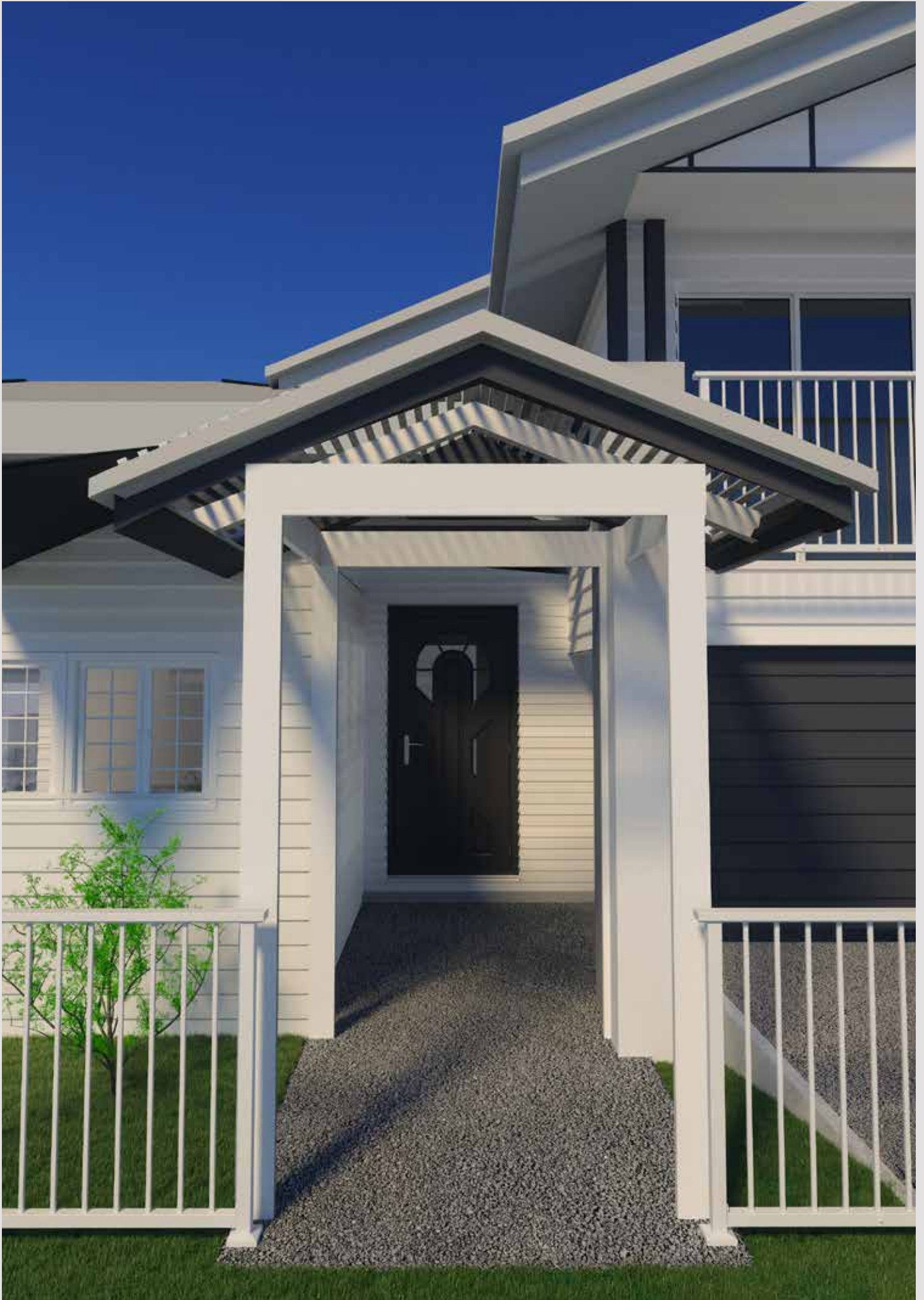
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ALUMINIUM BALUSTRADE INNOVATION

Introduction

Our suite of aluminium systems sit at the intersection of style and innovation. Designed with labour saving technology in mind and non-weld assembly/installation, simply select post and handrail and then select between 4 infill styles.

Save time and money without compromise on quality or style.

01 STEP 1 / SELECT POST & HANDRAIL

Core drill or base plate posts / oval or rectangular handrails

02 STEP 2 / SELECT INFILL

(same post & handrails used with all infills)

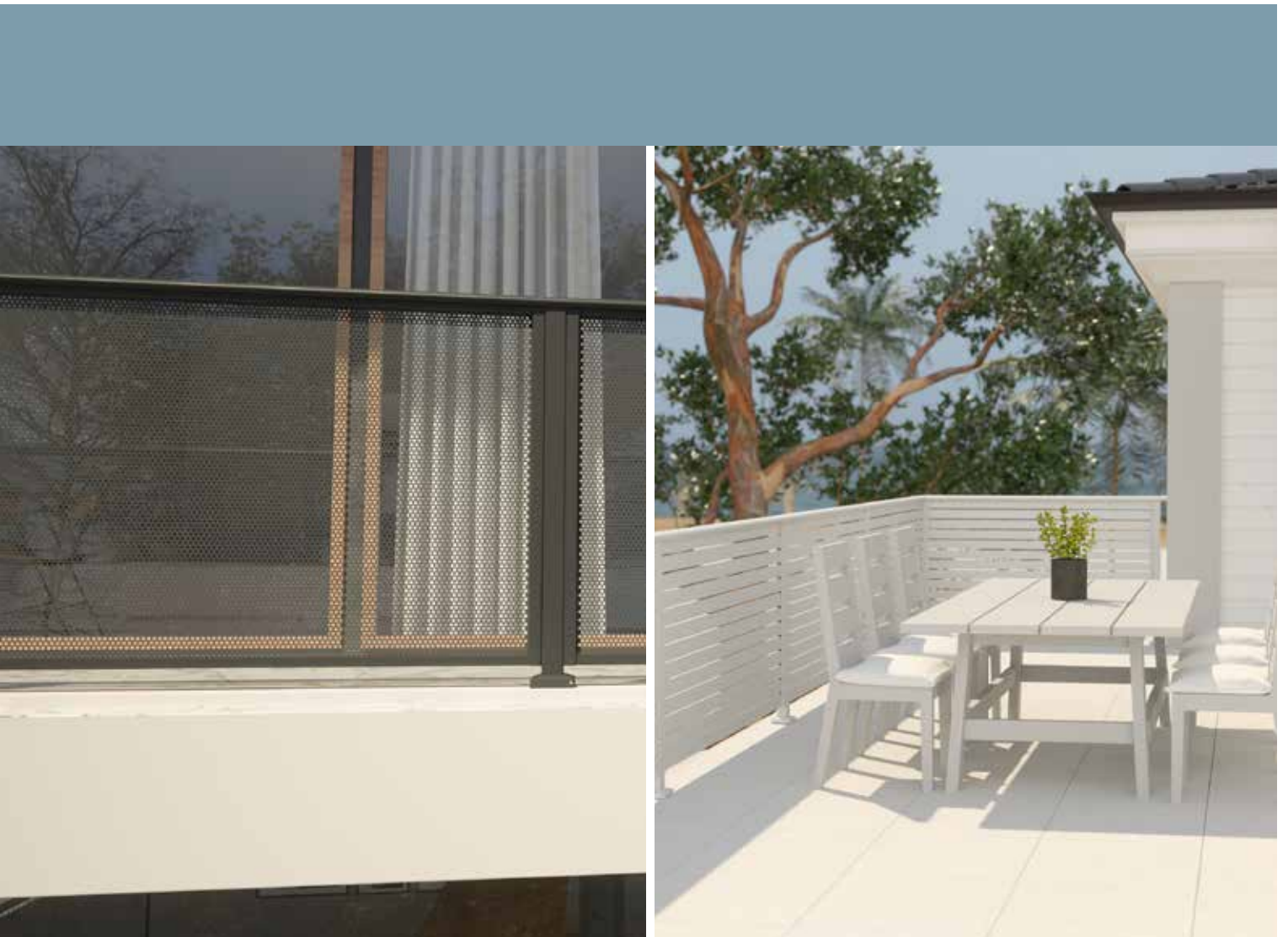
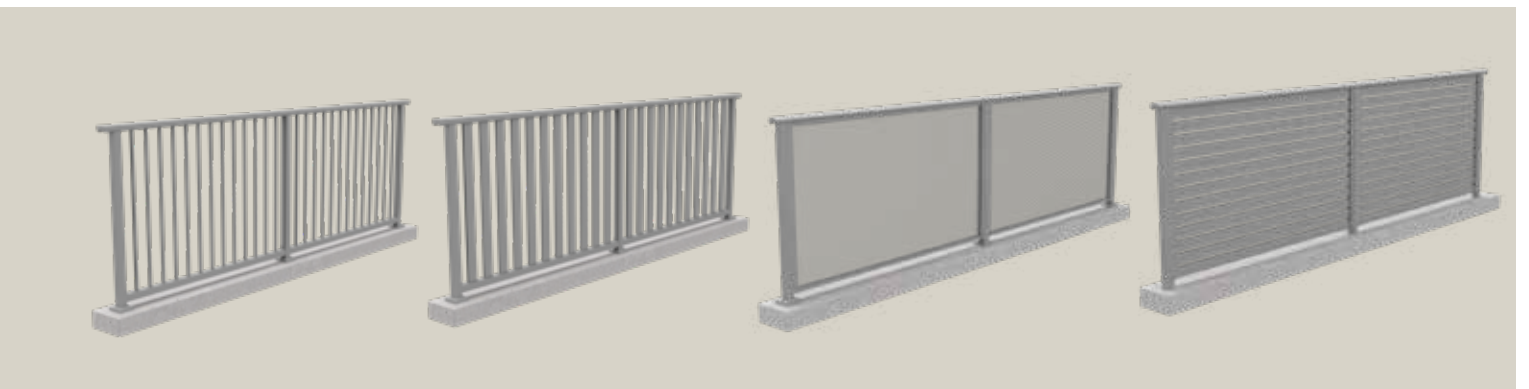
- (A) Square picket baluster (16.5x16.5mm)
- (B) Vertical slat balustrade (65x16.5mm)
- (C) Premium Perforated sheet
- (D) Horizontal slat balustrade (65x16.5mm)

03 STEP 3 / INSTALL





'MIX & MATCH' SYSTEMS





AIRE

Why choose AIRE?

AIRE is a complete aluminium picket balustrade system featuring innovative patented non-weld technology and is ideally suited for new builds or renovations. This stunning system features either vertical 16.5mm square or 65x16.5mm slot balusters coupled with sturdy 50x50mm posts and the option of either a rectangular or oval handrail.

Careful design considerations ensure the system seamlessly integrates providing a complete aluminium balustrade suite that is easy to assemble and install in either core drill or base plated application.

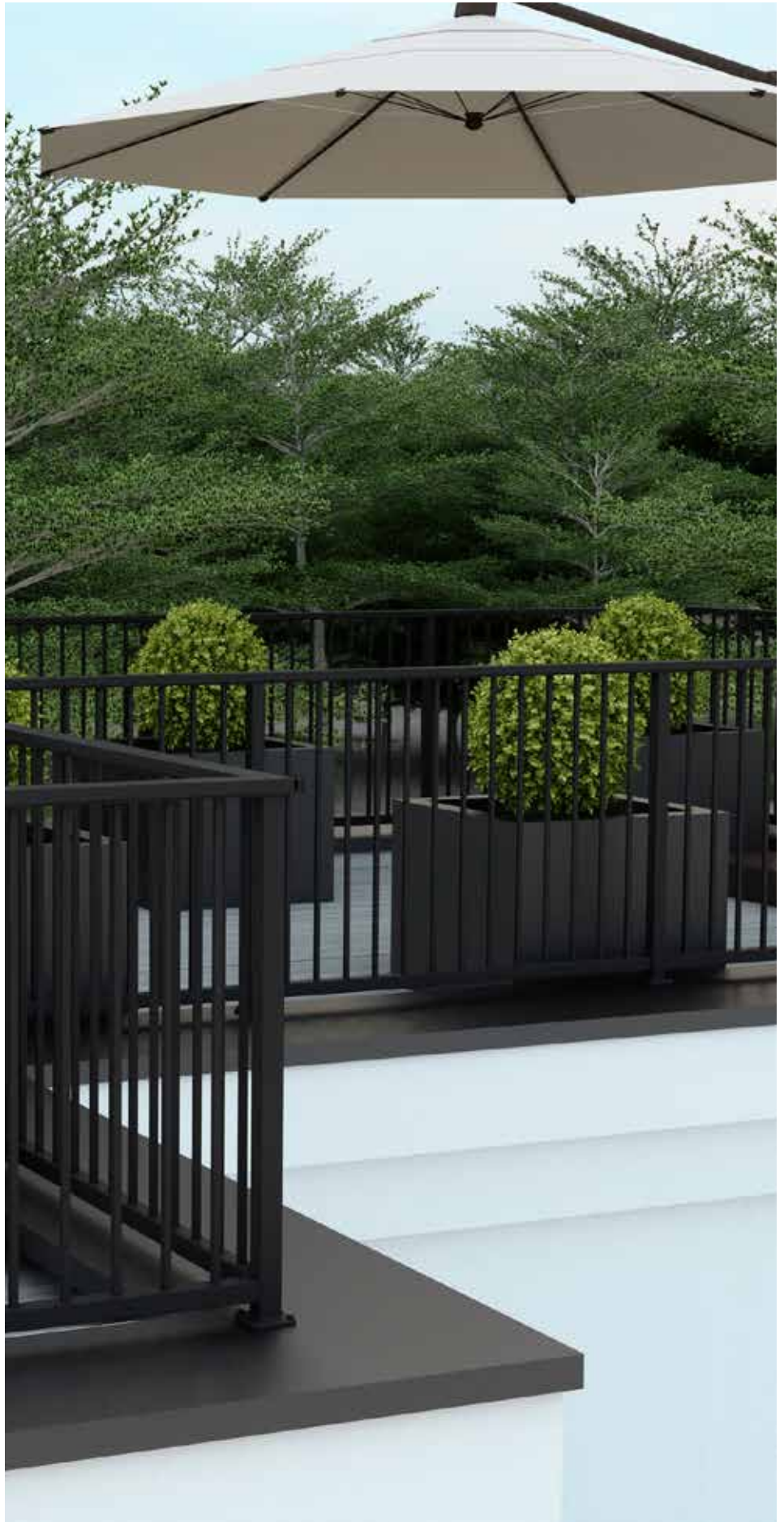
The system is stocked in 3 popular powder coated finishes – satin black, monument matt and pearl white gloss. It is also available in mill finish allowing customisation of powder coat colour. Pre-powder coated material can be cut to required lengths and assembled onsite or in a factory. The installation process has been carefully considered with component parts designed to maximise visual appeal while still ensuring ease of install.

The AIRE system is the result of significant research and development coupled with extensive load testing by accredited NATA testing facilities. Importantly, engineer compliance certification is available.

AIRE is a game changer in aluminium picket balustrade.

Certification

Certificate of Compliance to load test requirements of AS/NZS 1170.0, AS/NZS 1170.1 and NCC2019. Contact us for engineering information.





STYLES OF AIRE



01 **AIRE Picket Full**

The ultimate in picket balustrade – featuring 16.5x16.5mm square balusters with oval or rectangular handrail option.



02 **AIRE Picket 3-Rail**

Features a stylish midrail design incorporating 16.5x16.5mm square balusters and choice of oval or rectangular handrail.



03 **AIRE Slat Full**

Vertical slat 65x16.5mm slat balusters with 64mm gap spacing. Increasingly popular having regard to Hamptons inspired design.



04 **AIRE Slat 3-Rail**

Midrail option for 65x16.5mm vertical slat balustrade.



FINISHES

Our colour range

AIRE is stocked in 3 popular balustrade powder coat finishes: Satin Black, Monument Matt and Pearl White Gloss. Mill finish is also available enabling customisation to any desired powder coat finish.

Satin black and monument matt continue to be the consistent colour palate for balustrade and seamlessly integrate into a variety of backgrounds. Pearl White is a growing trend in balustrade with the proliferation of Hamptons inspired design.

Genuine Interpon powder is used with Interpon D1000 manufacturer warranties provided.

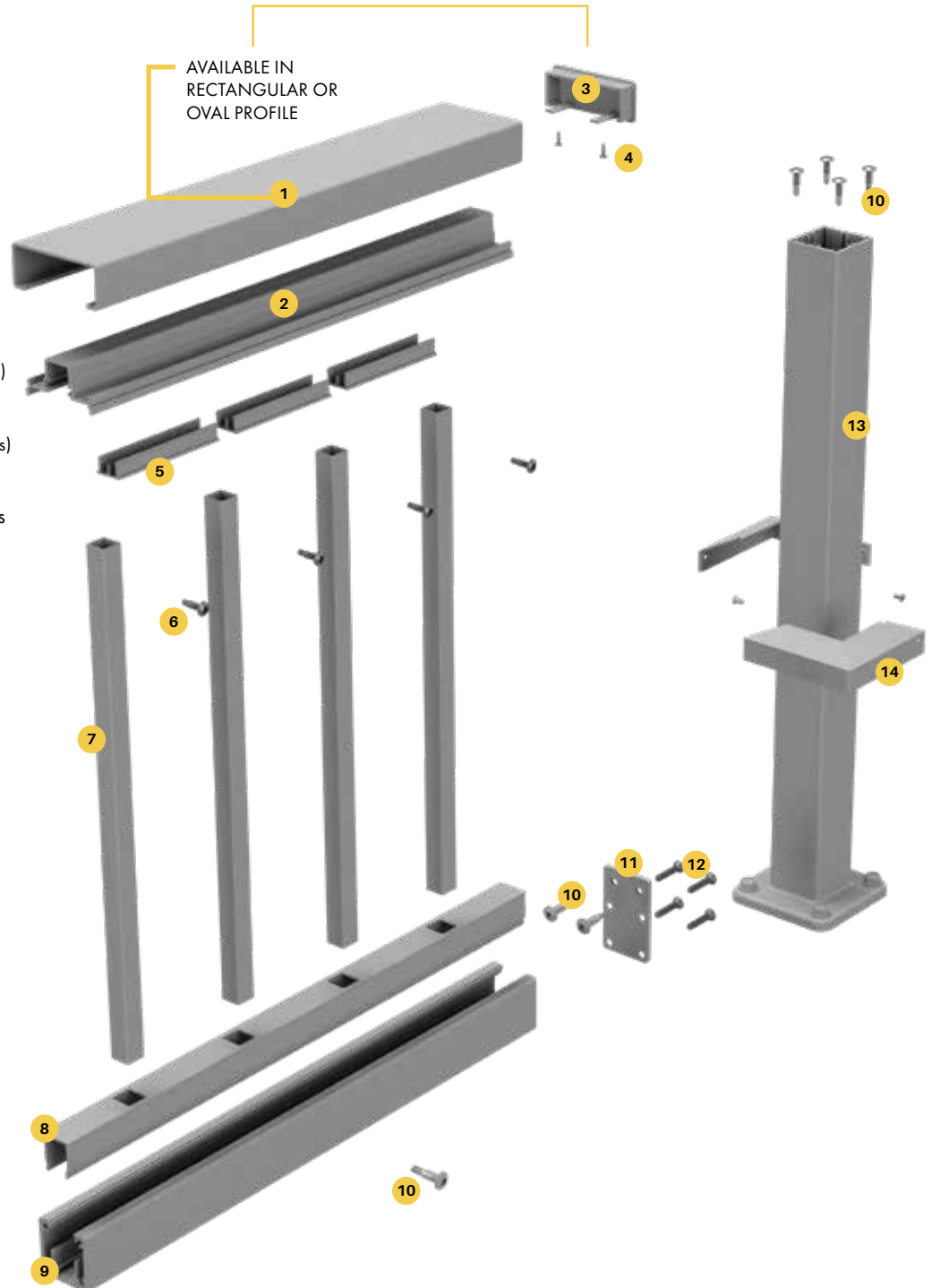
AIRE extrusions are produced to the chemical composition, mechanical property and dimensional tolerances in AS-NZS 1866:1997





AIRE

- 1 75x30mm top rail
- 2 Undercapping rail
- 3 75x30mm end cap
- 4 10gx16mm fixing screw for end cap
- 5 Snap in spacers
- 6 8gx15mm baluster fixing screws
- 7 16.5x16.5mm square pickets/balusters
- 8 Punched insert (92.5mm gap spacing)
- 9 45x45mm bottom rail (also used as midrail for 3 rail installations)
- 10 12gx25mm screws for:
1) Fixing rail mounting plates to posts (**for fixing to aluminium posts. Use different/appropriate screws if fixing to timber/steel etc)
2) Bottom rail locking screen
3) Fixing undercapping rail to posts
- 11 Mounting plates
- 12 12gx50mm screws for fixing mounting plates to bottom rail
- 13 50x50x3.2mm Aire Post (core drill or with welded base plate)
- 14 2 part domical cover (**if using base plated posts; use dress ring if core drill post)

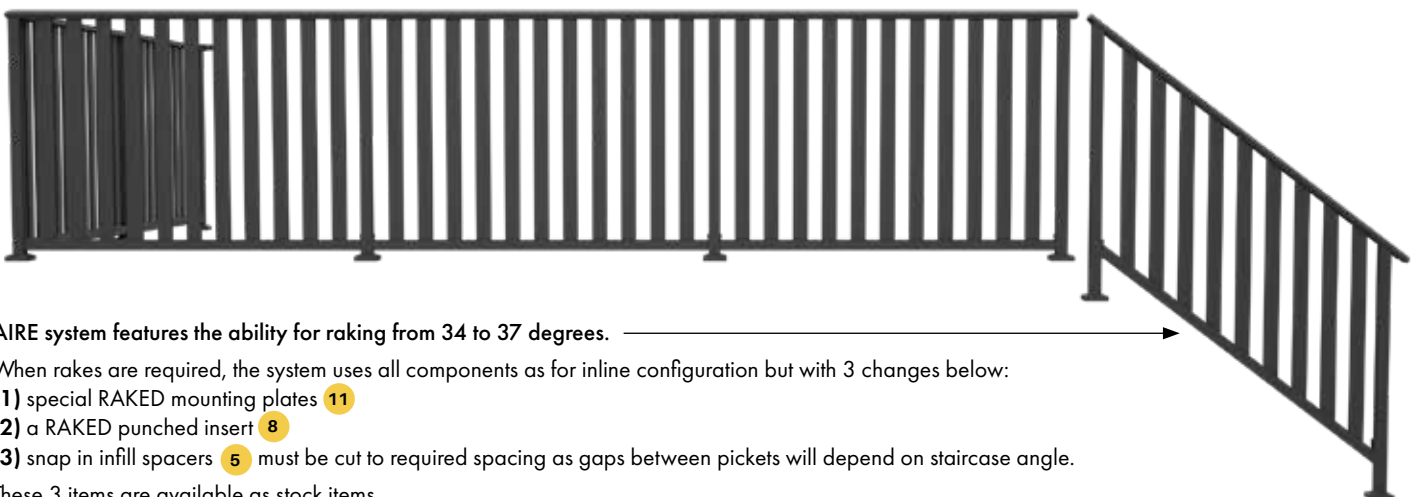
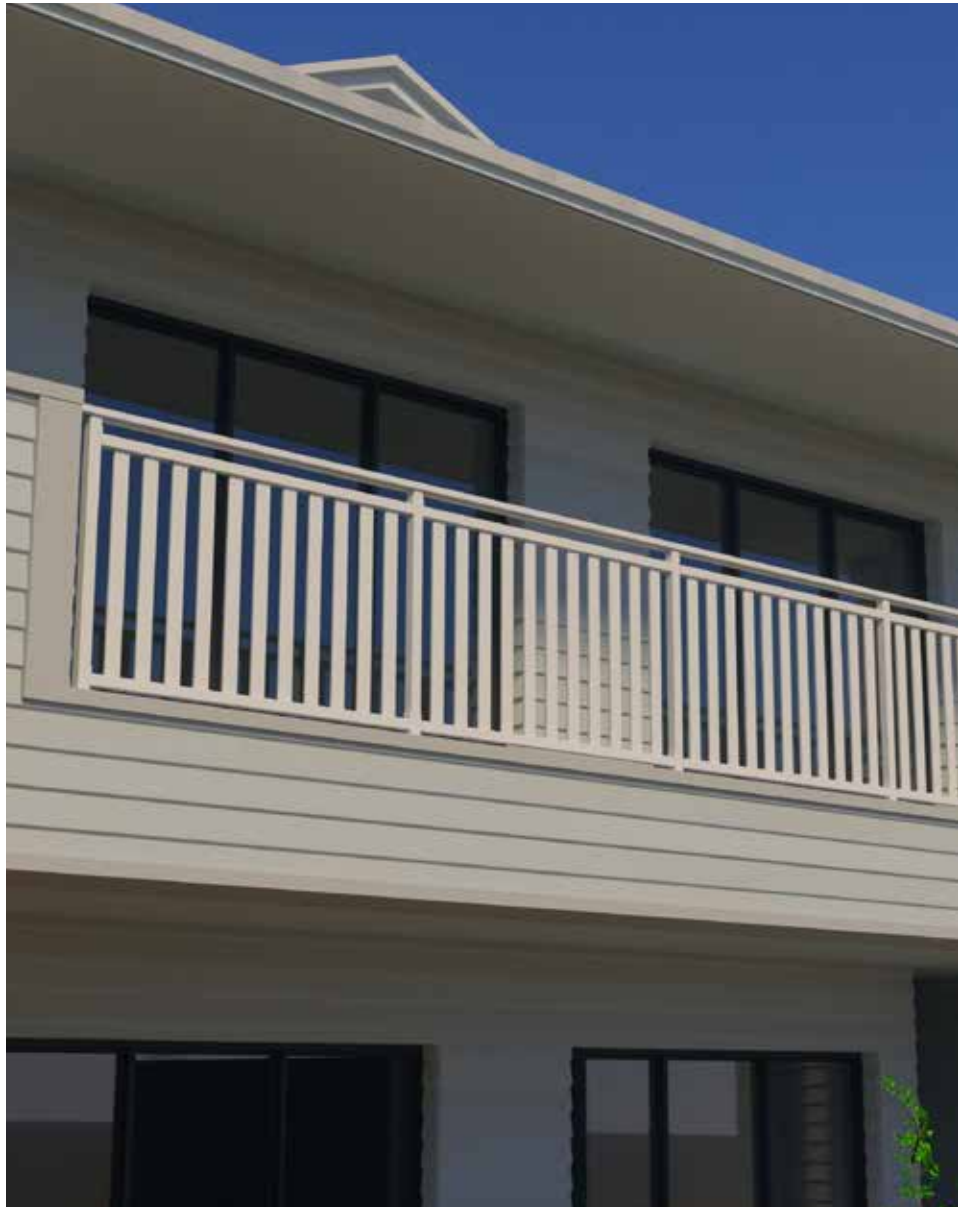


AIRE SLAT

AIRE slat range

Versatile design providing the sought after Hamptons look with 65x16mm vertical slat balusters. Also, achieve a stunning colonial look with the '3 rail configuration' by incorporating a midrail.

- ✔ Complete balustrade system featuring non-weld technology
- ✔ Core drill or base plated application
- ✔ Pre-powder coated stock is easily assembled & installed
- ✔ Option for raked installation for staircases
- ✔ Compliance certification available



AIRE system features the ability for raking from 34 to 37 degrees. →

When rakes are required, the system uses all components as for inline configuration but with 3 changes below:

- (1) special RAKED mounting plates **11**
- (2) a RAKED punched insert **8**
- (3) snap in infill spacers **5** must be cut to required spacing as gaps between pickets will depend on staircase angle.

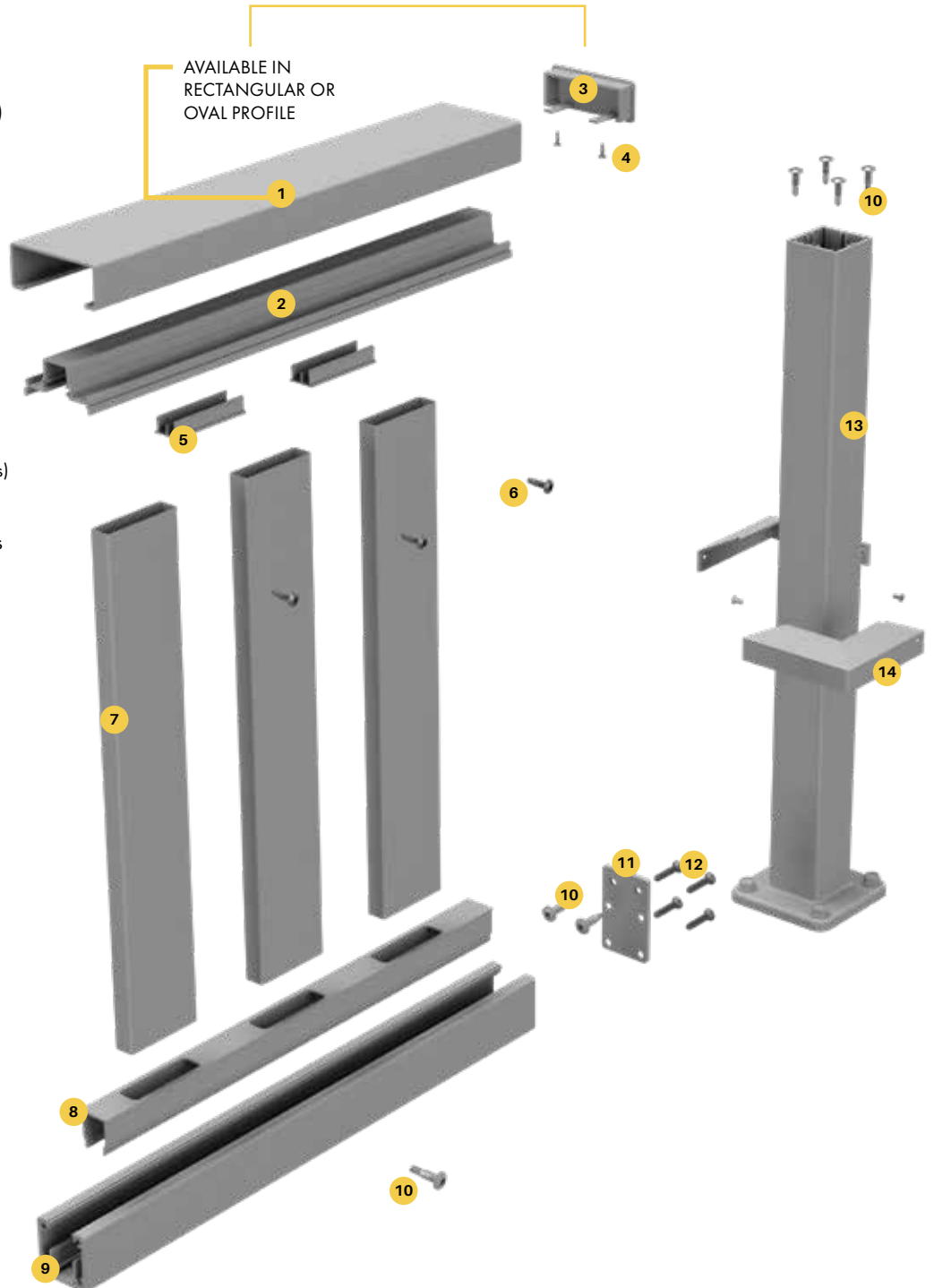
These 3 items are available as stock items.

For the top of posts, simply cut at required angle and then screw fix on undercapping rail **2**



AIRE

- 1 **75x30mm top rail**
(available oval or rectangle profile)
- 2 **Undercapping rail**
- 3 **75x30mm end cap**
(available to suit oval or rectangle profile)
- 4 **10gx16mm fixing screw for end cap**
- 5 **Snap in spacers**
- 6 **8gx15mm baluster fixing screws**
- 7 **65x16.5mm slat balusters**
- 8 **Punched insert (64mm gap spacing)**
- 9 **45x45mm bottom rail**
(also used as midrail for 3 rail installations)
- 10 **12gx25mm screws for:**
 - 1) Fixing rail mounting plates to posts (**for fixing to aluminium posts. Use different/appropriate screws if fixing to timber/steel etc)
 - 2) Bottom rail locking screen
 - 3) Fixing undercapping rail to posts
- 11 **Mounting plates**
- 12 **12gx50mm screws for fixing mounting plates to bottom rail**
- 13 **50x50x3.2mm Aire Post**
(core drill or with welded base plate)
- 14 **2 part domical cover**
(**if using base plated posts; use dress ring if core drill post)





AIRE

Full post with base plate (welded)

1050mm H

Satin Black, Monument Matt,

Pearl White Gloss or Mill finish

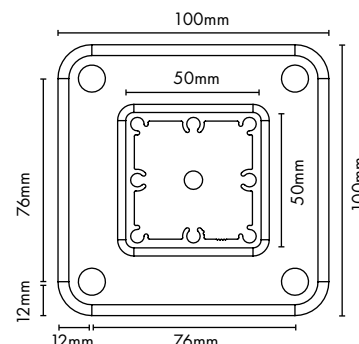
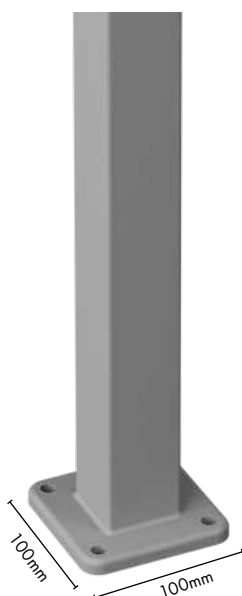
Order Code: AR-1050-FPBP-B (Black)

AR-1050-FPBP-MN (Monument)

AR-1050-FPBP-W (White)

AR-1050-FPBP-M (Mill)

- Sturdy base plated post at 1050mm high overall
- Simply cut top of post to reduce height if needed
- Made from Alloy 6106 T6: premium & rigid alloy
- 3.2mm wall thickness post: 50x50mm profile
- 100x100mm base plate 10mm thick welded on;
- 4 x 11mm diameter fixing holes
- Screw flutes in extrusion allow non-weld affixing of top rail



FINISHES



5800mm long – Full post

50x50x3.2mm

Satin Black, Monument Matt,

Pearl White Gloss or Mill finish

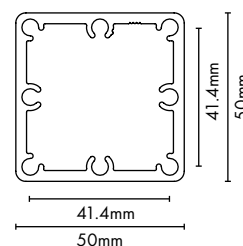
Order Code: AR-5800-FP-B (Black)

AR-5800-FP-MN (Monument)

AR-5800-FP-W (White)

AR-5800-FP-M (Mill)

- 5800mm long post: suits core drill installation
- Cut to required lengths
- Made from Alloy 6106 T6: premium & rigid alloy
- 3.2mm wall thickness post: 50x50mm profile
- Screw flutes in extrusion allow non-weld affixing of top rail



lxx = 214.10 x 10E3 mmE4
lyy = 214.28 x 10E3 mmE4

FINISHES



AIRE Aluminium Balustrade

5600mm long

Square picket baluster

16.5x16.5x1.4mm

Sold in lots of 4 pickets

Satin Black, Monument Matt,

Pearl White Gloss or Mill finish

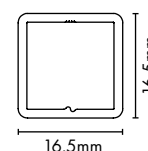
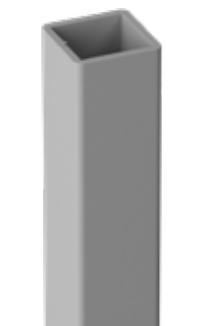
Order Code: AR-5600-PB-B (Black)

AR-5600-PB-MN (Monument)

AR-5600-PB-W (White)

AR-5600-PB-M (Mill)

- 5600mm long picket/baluster
- Simply cut to required lengths
- Made from Alloy 6106 T6: premium & rigid alloy
- 1.4mm wall thickness baluster: 16.5x16.5mm profile
- Sold in bundles of 4



lxx = 311 x 10E3 mmE4
lyy = 3.13 x 10E3 mmE4

FINISHES



AIRE

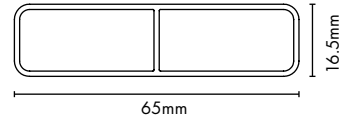
65 x 16.5mm baluster with centre web

6100mm long

**Satin Black, Monument Matt,
Pearl White Gloss or Mill finish**

Order Code: XP-6100-S65-B (Black)
XP-6100-S65-MN (Monument)
XP-6100-S65-W (White)
XP-6100-S65-M (Mill)

- 6100mm long slat/baluster
- Simply cut to required lengths
- Made from Alloy 6060 T6
- 1.2mm wall thickness baluster: 65x16.5mm profile
- Features centre web in extrusion profile for added strength



lxx = 9.60 x 10E3 mmE4
lyy = 83.09 x 10E3 mmE4

FINISHES



Note: As an alternative for vertical slat, Alumawood Kwila & Western Red Cedar are available. Alumawood slats are 5800mm long. For post/framing use Monument or Black.



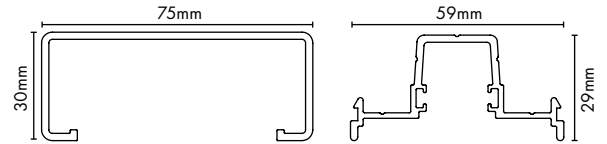
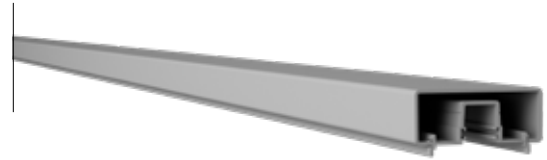
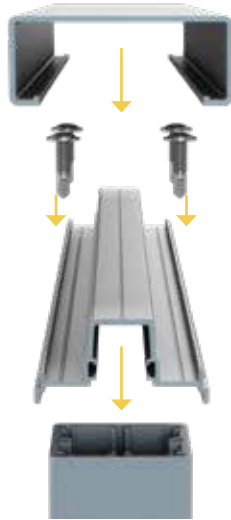
5800mm rectangular handrail

WITH CHANNEL INSERT

**Satin Black, Monument Matt,
Pearl White Gloss or Mill finish**

Order Code: A50-5800-RHR-B (Black)
A50-5800-RHR-MN (Monument)
A50-5800-RHR-W (White)
A50-5800-RHR-M (Mill)

- 5800mm long 75x30mm rectangular profile
- Made from Alloy 6063 T6
- 2 part railing: (1) undercapping rail is screwed to top of post & (2) rectangular handrail is then snapped onto undercapping rail
- Easy to install



FINISHES



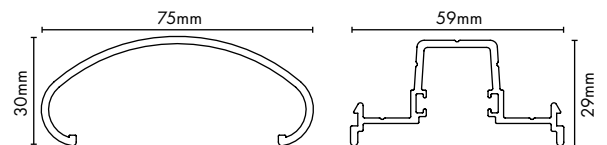
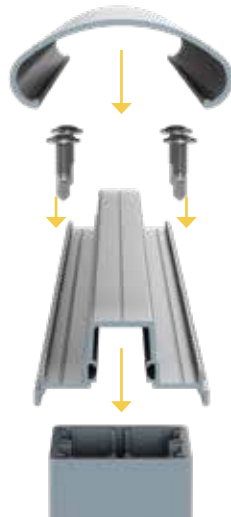
Oval handrail

WITH CHANNEL INSERT

**Satin Black, Monument Matt,
Pearl White Gloss or Mill finish**

Order Code: A50-5800-OHR-B (Black)
A50-5800-OHR-MN (Monument)
A50-5800-OHR-W (White)
A50-5800-OHR-M (Mill)

- 5800mm long 75x30mm oval profile
- Made from Alloy 6063 T6
- 2 part railing: (1) undercapping rail is screwed to top of post & (2) oval handrail is then snapped onto undercapping rail
- Easy to install



FINISHES





AIRE

5800mm long bottom rail

45x45x3 mm

*Picket/baluster inserts sold separately

**Satin Black, Monument Matt,
Pearl White Gloss or Mill finish**

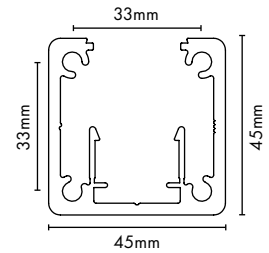
Order Code: AR-5800-BR-B (Black)

AR-5800-BR-MN (Monument)

AR-5800-BR-W (White)

AR-5800-BR-M (Mill)

- 5800mm long heavy duty bottom rail
- Cut to required widths to fit between posts
- 6060 T6
- 3mm wall thickness for maximum strength
- Snap in insert into open cavity to suit either 16.5x16.5 or 65x16.5mm balusters
- Patented NON WELD friction fit system
- No rattle with tension legs gripping vertical balusters
- Fix off bottom rail to posts using mounting plates (refer P18)



lxx = 136.78 x 10E3 mmE4
lyy = 171.77 x 10E3 mmE4

FINISHES



3250mm long Bottom rail insert

Suits 16.5x16.5mm balusters

**Satin Black, Monument Matt,
Pearl White Gloss or Mill finish**

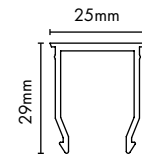
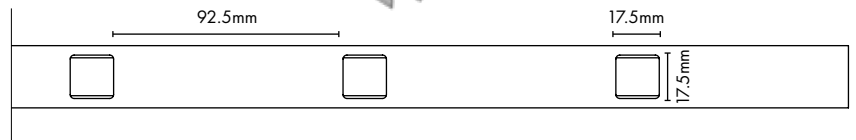
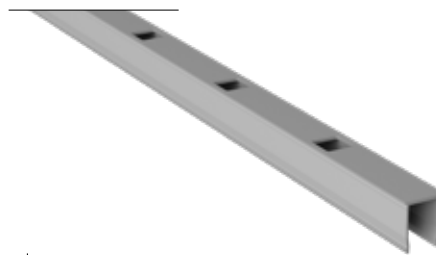
Order Code: AR-3250-INS-16-B (Black)

AR-3250-INS-16-MN (Monument)

AR-3250-INS-16-W (White)

AR-3250-INS-16-M (Mill)

- Suits 16.5x16.5mm square balusters
- 3250mm long punched insert
- Cut to required widths
- 6063 T5
- Snaps into bottom rail (code: AR-5800-BR) to create the complete bottom rail system
- Punched at 92.5mm gap spacing providing 110mm centre to centre of baluster
- Balusters simply press down into punched holes and are held firmly in place via patented aluminium friction legs
- No rattle or movement of balusters



FINISHES



3214mm long *raked* Bottom rail insert

Suits 16.5x16.5mm balusters and 34-37degree angle installation

**Satin Black, Monument Matt,
Pearl White Gloss or Mill finish**

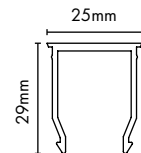
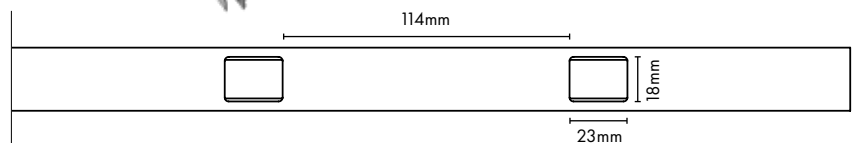
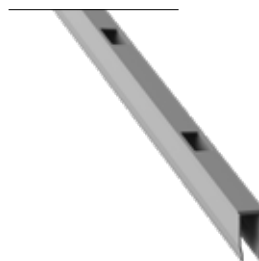
Order Code: AR-3214-INS-16RA-B (Black)

AR-3214-INS-16RA-MN (Monument)

AR-3214-INS-16RA-W (White)

AR-3214-INS-16RA-M (Mill)

- 3214mm long punched insert
- Cut to required widths
- 6063 T5
- Snaps into bottom rail (code: AR-5800-BR) to create the complete bottom rail system
- Punched at 114mm gap spacing providing 137 centre to centre of baluster
- Suits 16.5x16.5mm square balusters for RAKED INSTALLATIONS - suits from 34 to 37 degrees
- Ideal solution for staircase installations



FINISHES





AIRE

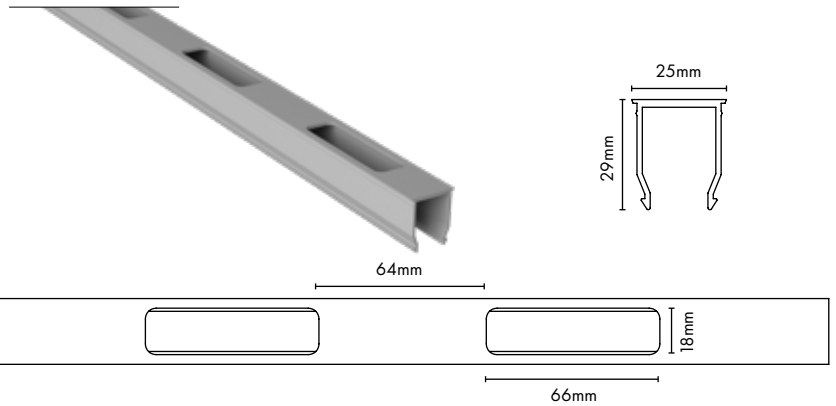
3022mm long Bottom rail insert

Suits 65x16.5mm vertical slat, 64mm gap spacing

**Satin Black, Monument Matt,
Pearl White Gloss or Mill finish**

Order Code: **AR-3022-INS-65-B (Black)**
AR-3022-INS-65-MN (Monument)
AR-3022-INS-65-W (White)
AR-3022-INS-65-M (Mill)

- 3022mm long punched insert; Cut to required widths
- 6063 T5
- Snaps into bottom rail (code: AR-5800-BR) to create the complete bottom rail system
- Punched at 64mm gap spacing providing 130mm centre to centre of baluster
- Suits 65x16.5mm slat balusters
- Balusters simply press down into punched holes/ bottom rail and are held firmly in place via patented aluminium friction legs
- No rattle or movement of balusters



FINISHES



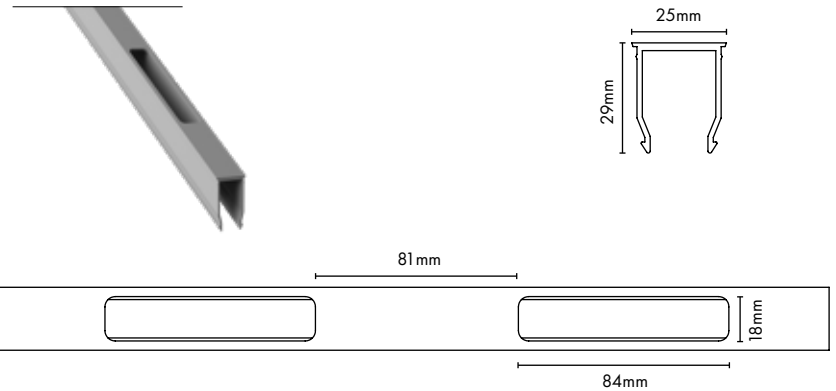
3175mm long *raked* Bottom rail insert

Suits 65x16.5mm slat and 34-37degree angle installation

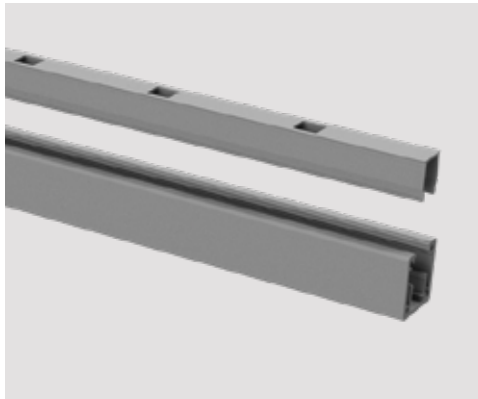
**Satin Black, Monument Matt,
Pearl White Gloss or Mill finish**

Order Code: **AR-3175-INS-65RA-B (Black)**
AR-3175-INS-65RA-MN (Monument)
AR-3175-INS-65RA-W (White)
AR-3175-INS-65RA-M (Mill)

- 3175mm long punched insert
- Cut to required widths
- 6063 T5
- Snaps into bottom rail (code: AR-5800-BR) to create the complete bottom rail system
- Punched at 81mm gap spacing providing 165 centre to centre of baluster
- Suits 65x16.5mm slat balusters for RAKED INSTALLATIONS - suits from 34 to 37 degrees
- Balusters simply press down into punched holes and are held firmly in place via patented aluminium friction legs
- Ideal solution for staircase installations



FINISHES



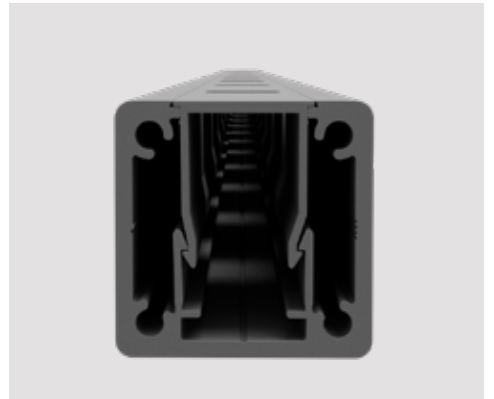
STEP 1

Select punched insert to snap into bottom rail.



STEP 2

Snap together. Tap insert into place with rubber mallet if required.



STEP 3

Completed bottom rail (also can be used as a midrail for 3 rail installation - simply insert).



AIRE

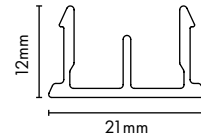
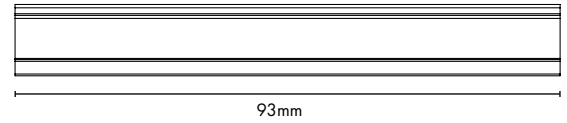
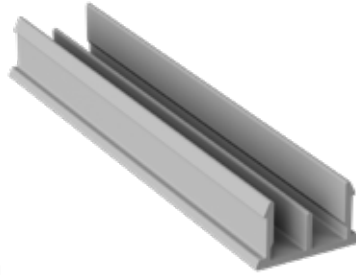
93mm wide top spacer

FOR 16.5x16.5MM PICKET BALUSTRADE
PACK OF 20

**Satin Black, Monument Matt,
Pearl White Gloss or Mill finish**

Order Code: **AR-SPACER-93MM-B (Black)**
AR-SPACER-93MM-MN (Monument)
AR-SPACER-93MM-W (White)
AR-SPACER-93MM-M (Mill)

- Precision cut aluminium spacers snap into uncapping top rail (refer P13; Code: A50-5800-RHR/OHR)
- Accurately separates 16.5x16.5mm balusters in top rail
- Applies to inline/straight installations. Not applicable for raked installation
- Fast and easy to install and ensures accuracy of installation/spacing
- Sold in packs of 20



FINISHES



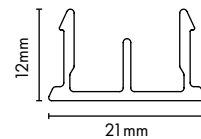
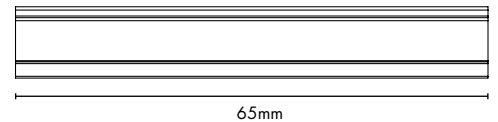
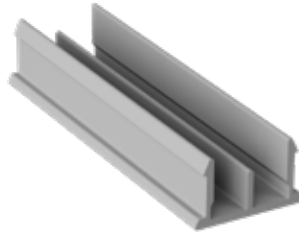
65mm wide top spacer

FOR 65x16.5MM SLAT BALUSTRADE
PACK OF 20

**Satin Black, Monument Matt,
Pearl White Gloss or Mill finish**

Order Code: **AR-SPACER-65MM-B (Black)**
AR-SPACER-65MM-MN (Monument)
AR-SPACER-65MM-W (White)
AR-SPACER-65MM-M (Mill)

- Precision cut aluminium spacers snap into uncapping top rail (refer P13; Code: A50-5800-RHR/OHR)
- Accurately separates 65x16.5mm slat balusters in top rail
- Applies to inline/straight installations. Not applicable for raked installation
- Fast and easy to install and ensures accuracy of installation/spacing
- Sold in packs of 20



FINISHES



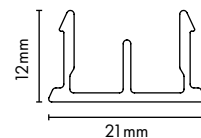
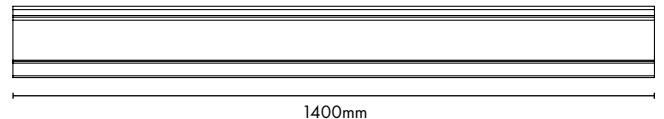
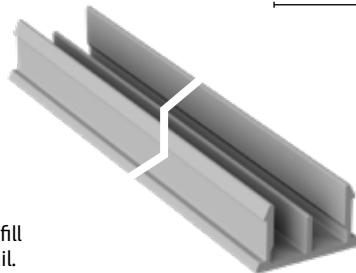
1400mm long aluminium infill / spacer

**Satin Black, Monument Matt,
Pearl White Gloss or Mill finish**

Order Code: **A50-1400-INF-B (Black)**
A50-1400-INF-MN (Monument)
A50-1400-INF-W (White)
A50-1400-INF-M (Mill)

Used in 2 applications:

- (1) for RAKED stair installations, cut to required size as a spacer between balusters for snap into undercapping rail
- (2) for 3 rail installations, snap into undercapping rail to fill void as balusters do not penetrate into uncapping rail.
TIP: infill is 1400mm wide so if opening size is wider than 1400mm, then 2 x infills will be required. Use a full length plus a shorter length or for a neater finish, cut each such that the join of infill is at midpoint of undercapping.



FINISHES





AIRE



STEP 1

Screw fix first picket ensuring straight and in correct position.



STEP 2

Insert balance of pickets and snap in spacers. Do not screw fix remaining pickets yet. Ensure all pickets and spacing true and correct.



STEP 3

Screw fix each picket with spacers in position.





AIRE

Mounting plate for bottom rail

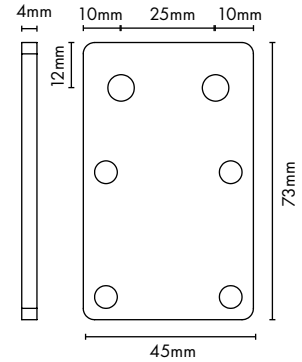
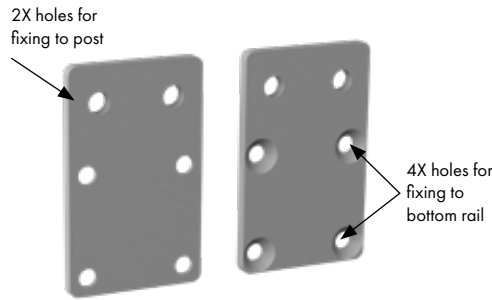
45x73x4mm

PACK OF 2

**Satin Black, Monument Matt,
Pearl White Gloss or Mill finish**

Order Code: AR-PLATE-B-2PK (Black)
AR-PLATE-MN-2PK (Monument)
AR-PLATE-W-2PK (White)
AR-PLATE-M-2PK (Mill)

- 4mm thick aluminium plates affix to either end of bottom rail so that bottom rail can fix to posts
- 4 x countersunk holes enable screw fixing to bottom rail. Use 12gx50mm countersunk screws (code: CSK-12GX50-50PK)
- 2 x 7mm diameter holes for fixing plate to post
- Plates can be rotated for fixing off on the top side, bottom side or sideways
- For '3 rail' installation, mounting plates are used on the midrail in addition to bottom rail
- Sold as a pack of 2



FINISHES



Mounting plate for bottom rail

*** raked ***

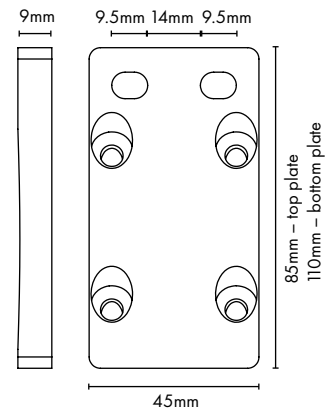
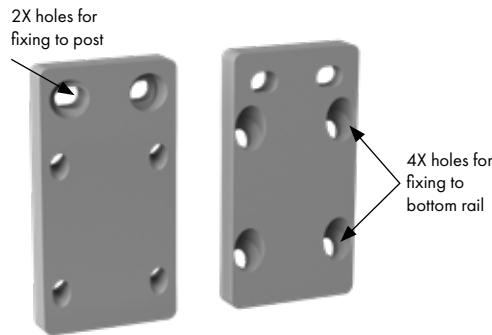
PACK OF 2

Suits 34 to 37 degrees

**Satin Black, Monument Matt,
Pearl White Gloss or Mill finish**

Order Code: AR-RK-PLATE-B-2PK (Black)
AR-RK-PLATE-MN-2PK (Monument)
AR-RK-PLATE-W-2PK (White)
AR-RK-PLATE-M-2PK (Mill)

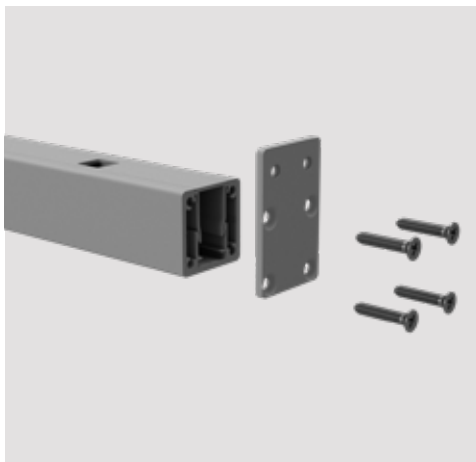
- 9mm thick aluminium plates affix to either end of bottom rail so that bottom rail can fix to posts
- Used for **RAKED** installations - plates suit 34 to 37 degree angles
- 4 x countersunk holes enable screw fixing to bottom rail. Use 12gx50mm countersunk screws (code: CSK-12GX50-50PK)
- 2 x elongated 7mm diameter fixing holes fix to post



FINISHES



- For '3 rail' installation, mounting plates are used on the midrail in addition to bottom rail
- Sold as a pack of 2
- 85mm long plate: higher side of bottom rail
- 110mm long plate: lower side of bottom rail



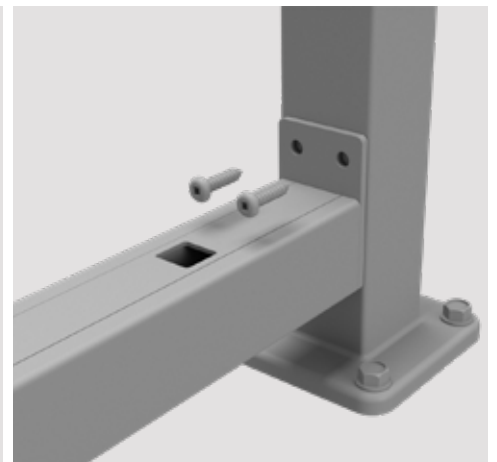
STEP 1

Screw fix mounting plate to bottom rail.



STEP 2

Plate can be rotated so fixing holes are on top, bottom or sides. Illustration shows fixing holes in top position.



STEP 3

Screw fix mounting plate to post or other structure.



AIRE

Rectangular end cap

ALUMINIUM

Suits 75x30mm rectangular handrail

Satin Black, Monument Matt, Pearl White Gloss or Mill finish

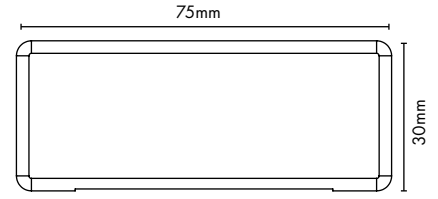
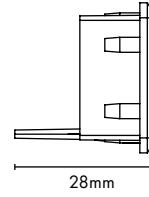
Order Code: **A50-ECA-R-B (Black)**

A50-ECA-R-MN (Monument)

A50-ECA-R-W (White)

A50-ECA-R-M (Mill)

- End cap made from aluminium die cast
- Suits 75x30mm rectangular handrail
- Features protruding fins at bottom so end cap may be mechanically fixed to undercapping rail



FINISHES



Offset bracket

ALUMINIUM

2 PACK (1 LEFT & 1 RIGHT BRACKET)

Suits 75x30mm rectangular handrail

Satin Black, Monument Matt, Pearl White Gloss or Mill finish

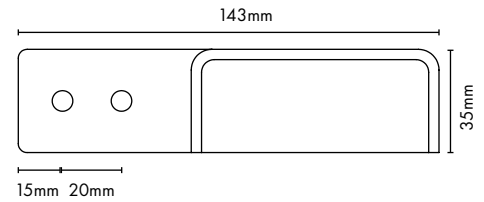
Order Code: **A50-BRACKET-R-B-2PK (Black)**

A50-BRACKET-R-MN-2PK (Monument)

A50-BRACKET-R-W-2PK (White)

A50-BRACKET-R-M-2PK (Mill)

- Offset bracket made from aluminium die cast
- Suits 75x30mm rectangular handrail
- Caps over top of handrail and features offset leg for fixing to wall/post
- Mechanically fix bracket to handrail by screwing through side of bracket into handrail
- 2 x 7mm diameter holes for fixing to post/wall
- Sold as a 2 pack - 1 x left and 1 x right bracket



FINISHES





AIRE

Oval end cap

ALUMINIUM

Suits oval handrail

**Satin Black, Monument Matt,
Pearl White Gloss or Mill finish**

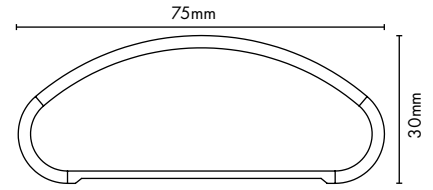
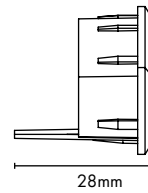
Order Code: **A50-ECA-O-B (Black)**

A50-ECA-O-MN (Monument)

A50-ECA-O-W (White)

A50-ECA-O-M (Mill)

- End cap made from aluminium die cast
- Suits 75x30mm oval handrail
- Features protruding fins at bottom so end cap may be mechanically fixed to undercapping rail



FINISHES



BLACK

MONUMENT

WHITE

MILL

Offset bracket

ALUMINIUM

2 PACK (1 LEFT & 1 RIGHT BRACKET)

Suits oval handrail

**Satin Black, Monument Matt,
Pearl White Gloss or Mill finish**

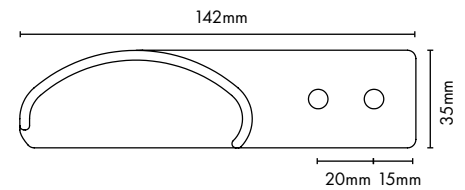
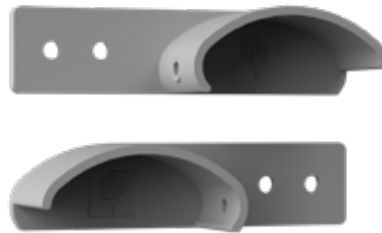
Order Code: **A50-BRACKET-O-B-2PK (Black)**

A50-BRACKET-O-MN-2PK (Monument)

A50-BRACKET-O-W-2PK (White)

A50-BRACKET-O-M-2PK (Mill)

- Offset bracket made from aluminium die cast
- Suits 75x30mm oval handrail
- Caps over top of handrail and features offset leg for fixing to wall/post
- Mechanically fix bracket to handrail by screwing through side of bracket into handrail
- 2 x 7mm diameter fixing holes to post/wall
- Sold as a 2 pack - 1 x left and 1 x right bracket



FINISHES

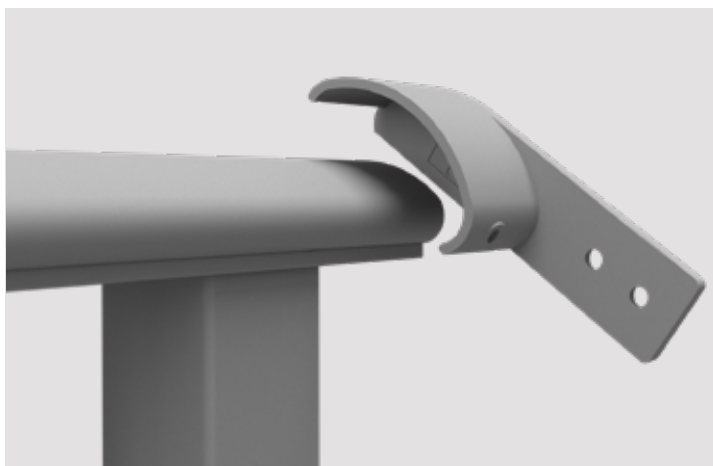


BLACK

MONUMENT

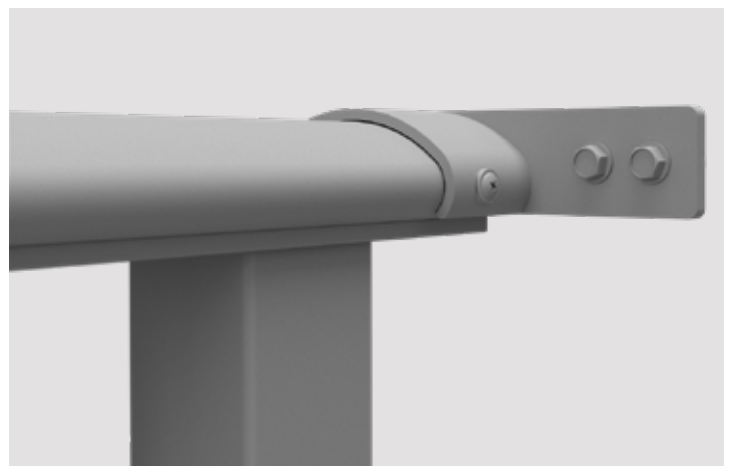
WHITE

MILL



STEP 1

Offset bracket caps over installed handrail.



STEP 2

Screw fix offset bracket to (1) handrail and (2) post/wall.



AIRE

Wall Plate

ALUMINIUM

Suits oval & rectangular handrail

Satin Black, Monument, Pearl White or Mill finish

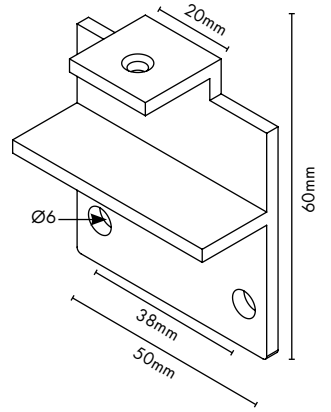
Order Code: A50-WP-B (Black)

A50-WP-MN (Monument)

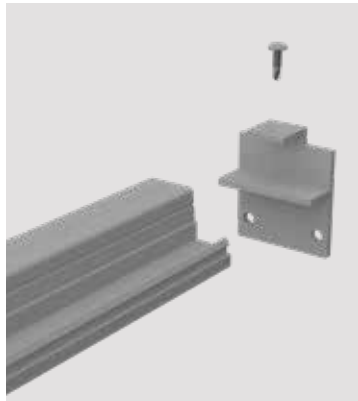
A50-WP-W (White)

A50-WP-M (Mill)

- Affixes internally to undercapping rail with only the bottom section visible – provides a slimline finish
- Affix to undercapping rail firstly and then affix to wall. Oval or rectangular handrail snaps over the undercapping rail with wall plate



FINISHES



STEP 1

Insert wall plate onto undercapping rail and fix off through hole located on top of wall plate.



STEP 2

Screw fix undercapping rail to post via 4 x screw flutes in corners of posts. Ensure wall plate neatly fits against wall/post. Use 12gx25mm panhead screw (refer stock code AR-SCR-BR)



STEP 3

Affix wall plate to wall/post using 2 x screws. Use suitable screws to fix having regard to structure.



STEP 4

Clip on oval or rectangular handrail onto undercapping rail. Wall plate is hidden except for bottom section.

Two part domical cover

POWDER COATED ALUMINIUM

Black, Monument, White, Mill

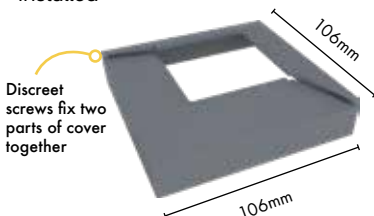
Order Code: XP-DC-2P-B (Black)

XP-DC-2P-M (Mill)

XP-DC-2P-MN (Monument)

XP-DC-2P-W (White)

- Suits 50x50mm post with 100x100mm base plate
- 106x106mm outer – 52x52mm inner – Alloy ADC12
- Cover can be fitted to posts after balustrade posts are installed



Post dress rings

POWDER COATED ALUMINIUM

Black, Monument, White, Mill

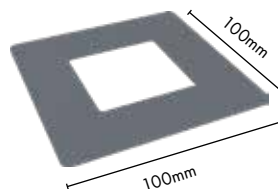
Order Code: XP-DR-B (Black)

XP-DR-M (Mill)

XP-DR-MN (Monument)

XP-DR-W (White)

- Suits 50x50mm core drill posts
- 100mm x 100mm outer – 52mm x 52mm inner





AIRE

12g x 25mm panhead screw with square drive head

SS304HC

PACK OF 50

Black, White, Mill

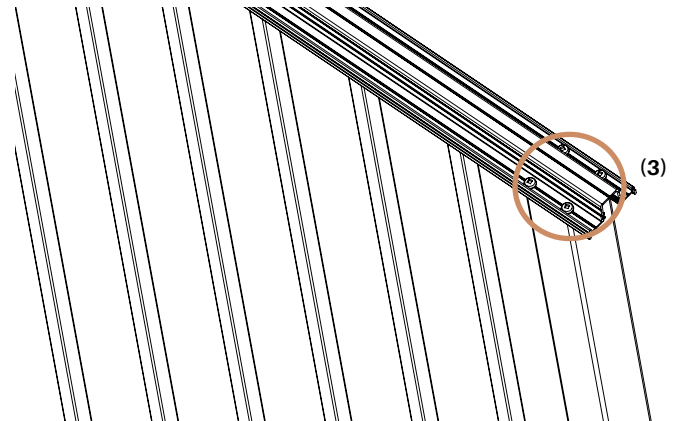
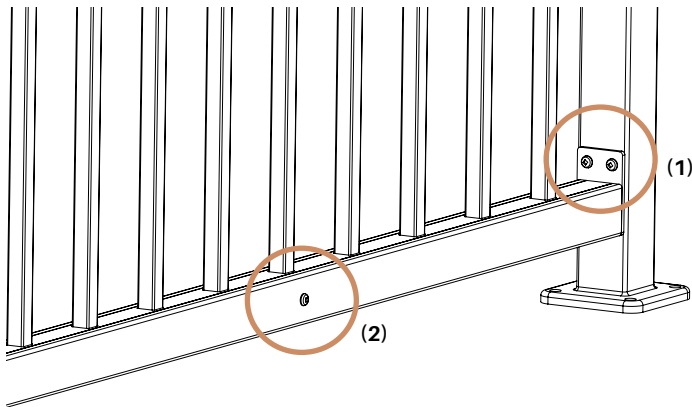
Order Code: AR-SCR-BR-50PK (Mill/Silver)

AR-SCR-BR-50PK-B (Black)

AR-SCR-BR-50PK-W (White)



- SS304 panhead screw 12gx25mm with square drive head
 - Use for:
 - (1) screwing bottom rail mounting plate to Aire aluminium posts
 - (2) fixing sideway through the bottom rail into the baluster at 2 places per span to act as a 'locking' screw to mechanically fix bottom rail to balusters
 - (3) fixing of undercapping rail to top of post
 - Screws are hidden by snap on rectangular or oval rail
 - Use mill/silver finish screw
 - For 3 rail installations, also use screws for fixing of midrail to Aire posts, and as a 'locking' screw to affix midrail to baluster
 - Sold as a pack of 50
- NOTE: for monument installations, use black screw or use mill/silver screw with monument touch base paint. Lubricate screw before screwing.*



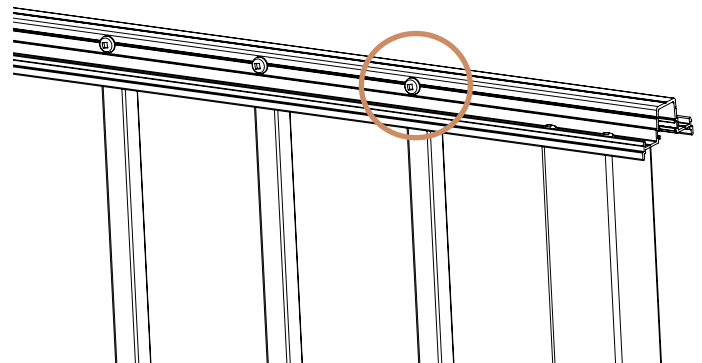
8g x 15mm picket/baluster screw with square drive head

SS304HC

PACK OF 100

Order Code: AR-SCR-BAL-100PK

- SS304 self drilling screw 8gx15mm with square drive head
- Use for fixing off each baluster to undercapping rail - 3mm pilot hole required
- Screws are hidden by snap on rectangular or oval handrail
- Sold as a pack of 100





AIRE

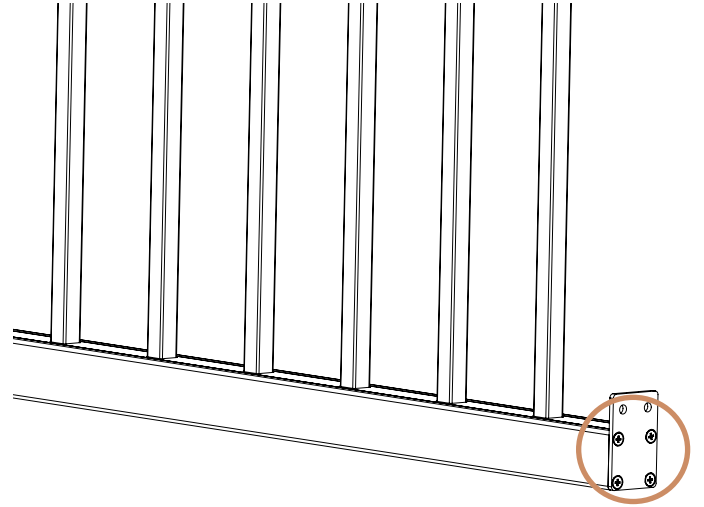
12g x 50mm long countersunk screws

SS304

50 PACK

Order Code: **CSK-12GX50-50PK**

- SS304 countersunk head 12gx50mm screw
- Use for screwing mounting plates to bottom rail
- Lubricate screws before screwing with a Phillips #3 bit
- Sold as a pack of 50



10g x 16mm self drilling wafer screws

BAG OF 100

Black, Monument, White, Mill

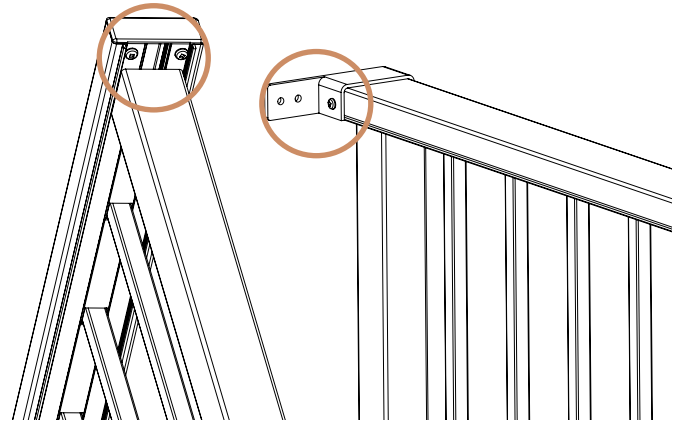
Order Code: **XP-SCREWS-B (Black)**

XP-SCREWS-M (Mill)

XP-SCREWS-MN (Monument)

XP-SCREWS-W (White)

- 10g x 16mm self drilling wafer head zinc plated screws
- Use for (1) screw fixing from underside of rectangular or oval end caps to uncapping rail or (2) sideways through offset rectangular or oval bracket into handrail
- Sold as a bag of 100



Driver bit

Order Code: **DB-PH3**

- Driver bit to suit Phillips #3 screw head.
- Useful bit when screwing 12gx50mm countersunk screws for fixing of mounting plates to bottom rail. (refer screw code CSK-12GX050-50PK)



Square head driver bit

Order Code: **DB-SQ3.4**

- Driver bit to suit 3.4mm square screw head hole
- Suits a variety of screws used in Aire System (eg codes: AR-SCR-BR-50PK; AR-SCR-BAL-100PK)



Touch Up Paint

150g SPRAY CAN

Black, monument and pearl white finish

Order Code: **PAINT-B (Black)**

PAINT-MN (Monument)

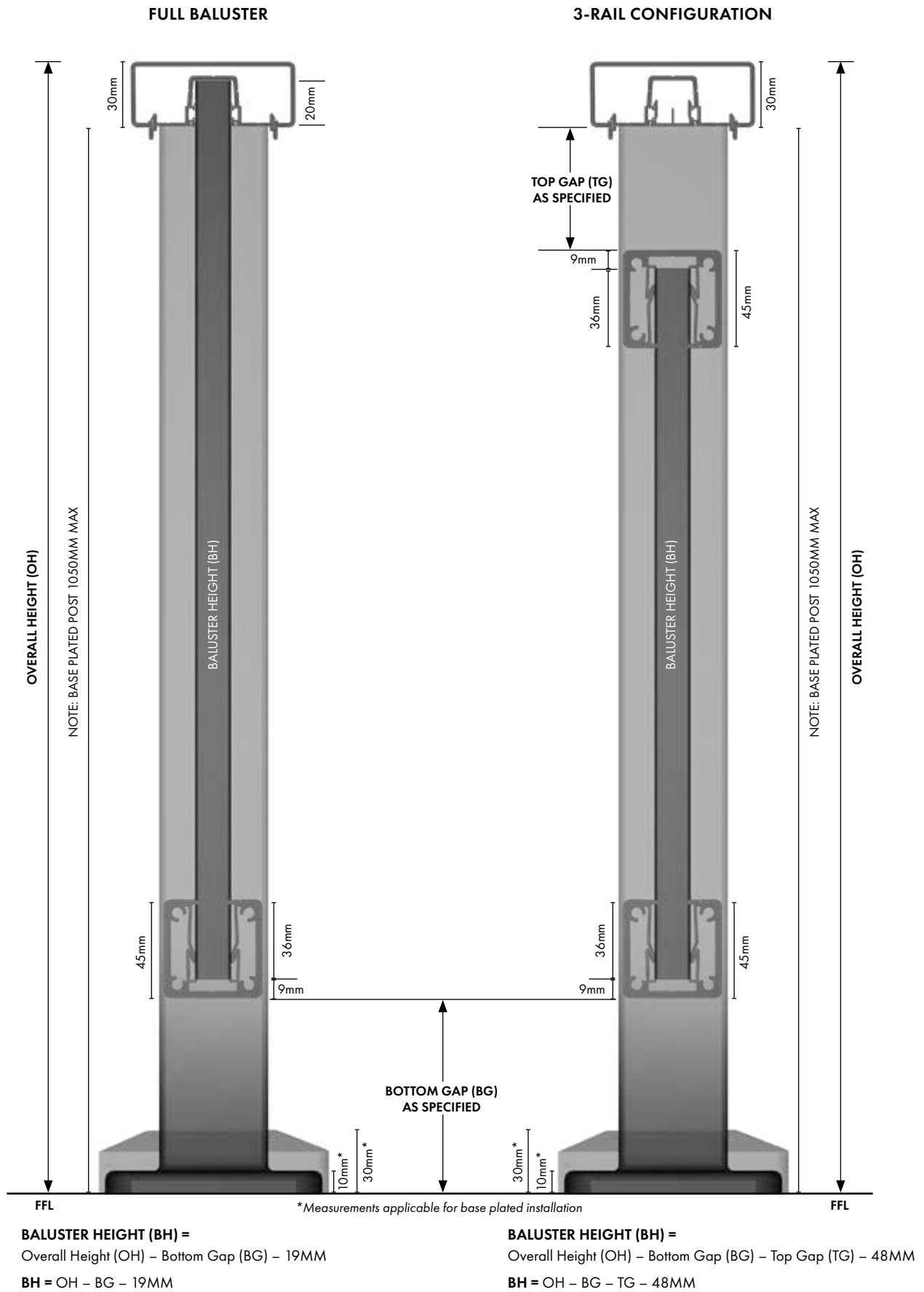
PAINT-W (White)

- Colour match touch up paint





FABRICATION OVERVIEW





NOTE – Select finish code:
(EG AR-1050-FPBP-B for black)



BLACK



MONUMENT



WHITE



MILL

25
order codes

Order Code	Description	Colours
AR-1050-FPBP-B/M/MN/W	1050mm high – 50x50mm post with weld on 100x100mm base plate	
AR-5800-FP-B/M/MN/W	5800mm long – 50x50mmx3.2mm full post	
AR-5600-PB-B/M/MN/W	5600mm long – 16.5 x 16.5 x 1.4mm baluster	
XP-6100-S65-B/M/MN/W	6100mm long – 65 x 16.5mm slat baluster	
AW-5800-S65-KWI/WRC	5800mm long – 65 x 16.5mm slat baluster – timber image finish	
A50-5800-RHR-B/M/MN/W	5800mm long rectangular handrail with undercapping rail	
A50-5800-OHR-B/M/MN/W	5800mm long oval handrail with undercapping rail	
AR-5800-BR-B/M/MN/W	5800mm long – Bottom rail	
AR-3250-INS-16-B/M/MN/W	3250mm long – Bottom rail insert for 16.5mm square pickets	
AR-3214-INS-16RA-B/M/MN/W	3214mm long – Raked bottom rail insert for 16.5mm square pickets	
AR-3022-INS-65-B/M/MN/W	3022mm long – Bottom rail insert for 65 x 16.5mm vertical slat	
AR-3175-INS-65RA-B/M/MN/W	3175mm long – Raked bottom rail insert for 65 x 16.5mm vertical slat	
AR-SPACER-93MM-B/M/MN/W	93mm wide top spacer for 16.5 x 16.5mm picket balustrade	
AR-SPACER-65MM-B/M/MN/W	65mm wide top spacer for 65 x 16.5mm vertical slat balustrade	
A50-1400-INF-B/M/MN/W	1400mm long aluminium infill/spacer	
AR-PLATE-B/M/MN/W-2PK	Mounting plate for bottom rail – 2 pack	
AR-RK-PLATE-B/M/MN/W-2PK	Mounting plate for bottom rail (Raked) – 2 pack	
A50-ECA-R-B/M/MN/W	75 x 30mm rectangular end cap	
A50-BRACKET-R-B/M/MN/W-2PK	143 x 35mm rectangular handrail offset bracket	
A50-ECA-O-B/M/MN/W	75 x 30mm oval end cap	
A50-BRACKET-O-B/M/MN/W-2PK	142 x 35mm oval handrail offset bracket	
A50-WP-B/M/MN/W	Wall plate (attaches to undercapping rail)	
XP-DC-2P-B/M/MN/W	106 x 106mm two part domical cover	
XP-DR-B/M/MN/W	100 x 100mm dress ring	
AR-SCR-BAL-100PK	8g x 15mm picket/baluster screw with square drive head – 100 pack	
AR-SCR-BR-50PK/B/W	12g x 25mm panhead screw with square drive head – 50 pack	
XP-SCREWS-B/M/MN/W	Self drilling wafer screws – 100 pack	
CSK-12GX50-50PK	12g x 50mm long countersunk screws – 50 pack	
DB-PH3	Phillips #3 driver bit	
DB-SQ3.4	Square head driver bit	
PAINT-B/MN/W	Touch up paint	



PREMIUM PERF BALUSTRADE

Why choose Premium Perf Balustrade?

PREMIUM PERF is a complete balustrade system featuring the growing trend for aluminium punched perforated infill panels.

As an alternative to glass, a number of key features make perforated aluminium an ideal selection including:

- ✔ shatterproof
- ✔ low maintenance
- ✔ extremely durable and corrosion resistant
- ✔ wind can pass through perforated holes
- ✔ being fully aluminium, application of the new Glass In Buildings Standard (AS1288-2021) is not relevant

Additionally, perf panels have excellent visibility resulting from the precision punching of 9mm diameter holes very close together.

The system is stocked in popular Akzo Nobel powder coat black and monument finish. With perforated aluminium, darker colours are easier to 'look through' providing superior visibility to the foreground.

The design and installation process has been carefully considered to ensure maximum visual appeal while ensuring ease of installation. Sturdy 50x50mm posts in core drill or base plate options with rectangular or oval handrails and a large range of accessories ensure a complete balustrade solution is available. Importantly, no welding is required and fully powder coated material is easy to assemble and install.

Extensive load testing by accredited NATA testing facilities coupled with engineering compliance confirm the integrity of the system.

Premium Perf Balustrade is an innovative alternative to standard glass balustrade.

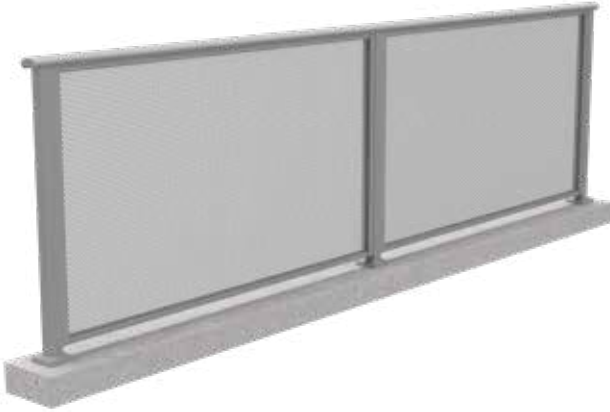
Certification

Certificate of Compliance to load test requirements of AS/NZS 1170.0, AS/NZS 1170.1 and NCC2019. Contact us for engineering information.

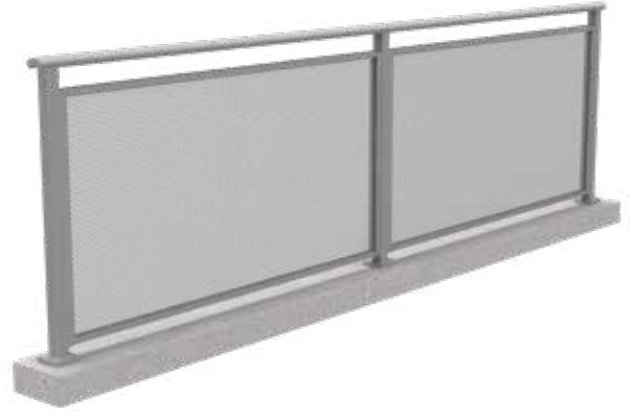




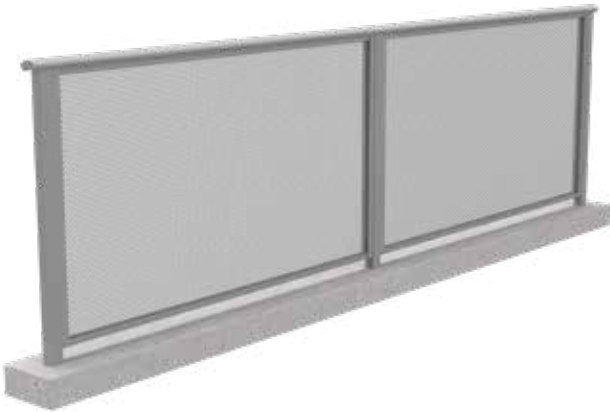
STYLES OF PREMIUM PERF BALUSTRADE



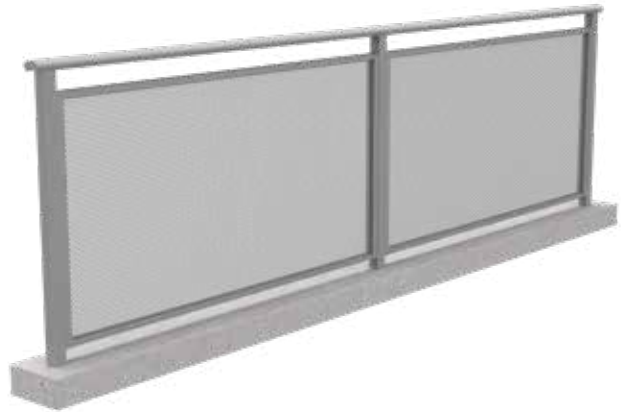
01 Perf Balustrade
Full perf panel with welded base plated posts



02 Perf Balustrade
Perf with visibility gap and welded base plated posts



03 Perf Balustrade
Full perf panel with core drilled posts



04 Perf Balustrade
Perf with visibility gap and core drilled posts



FINISHES

Our colour range

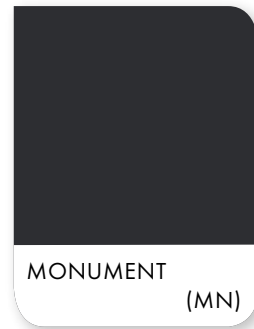
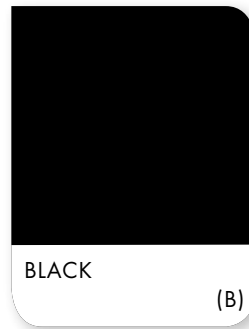
Premium Perf Balustrade is stocked in 2 popular powder coat finishes being Satin Black and Monument.

For Satin Black, posts and framing is Interpon Satin Black GN150A finish with the perforated infill panel being Textura black finish.

For Monument Matt posts and framing is Interpon Monument Matt GL229A finish with the perforated infill panel being Textura monument finish.

Genuine Akzo Nobel/Interpon powder is used with Interpon D1000 manufacturer warranties provided.

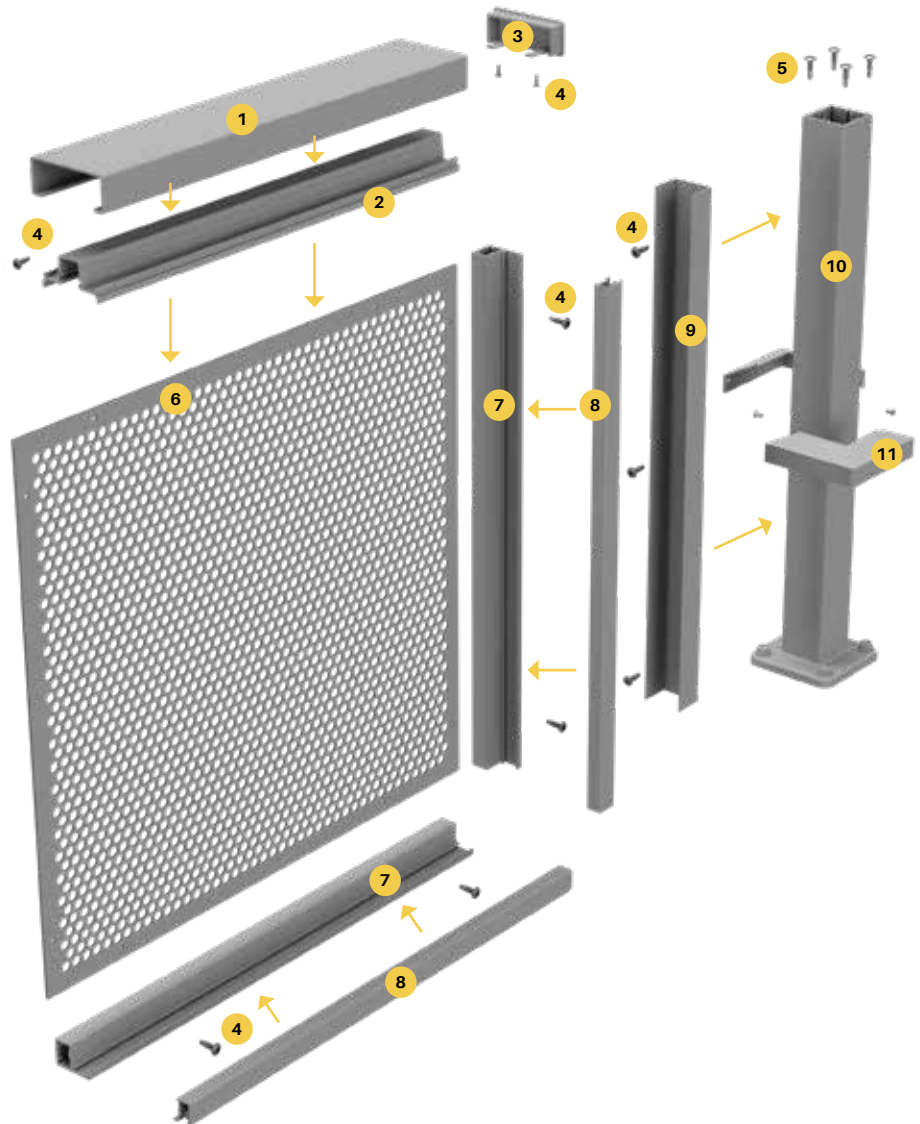
Extrusions are produced to the chemical composition, mechanical properties and dimensional tolerances of AS-NZS 1866-1997.





PREMIUM PERF BALUSTRADE

- 1 **75x30mm top rail**
(available oval or rectangle profile)
- 2 **Undercapping rail**
- 3 **75x30mm end cap**
(available to suit oval or rectangle profile)
- 4 **10g x 16mm wafer SS304 screws**
(used for various fixing applications)
- 5 **12gx25mm screws for fixing undercapping to posts**
- 6 **Perforated infill panel**
- 7 **38x25mm framing for infill panel**
- 8 **Snap-bead to suit 38x25mm framing**
- 9 **U channel**
(into which 38x25mm frame fits inside)
- 10 **50x50x3.2mm aluminium post**
(core drill or with welded base plate)
- 11 **2 part domical cover**
(** if using base plated posts; use a dress ring if core drill post)





PREMIUM PERF BALUSTRADE

Full post with base plate (welded)

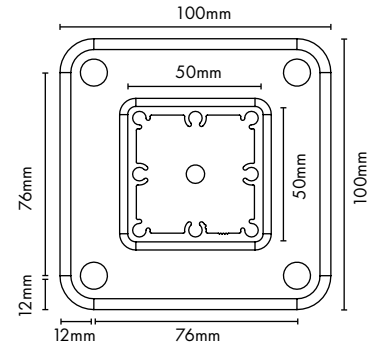
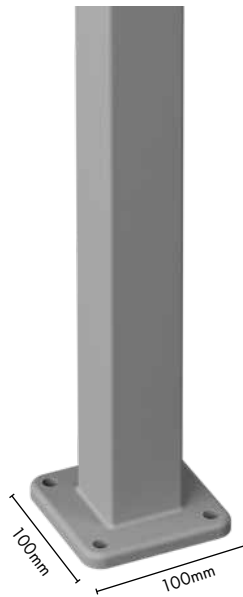
1050mm H

Satin Black or Monument Matt finish

Order Code: AR-1050-FPBP-B (Black)

AR-1050-FPBP-MN (Monument)

- Sturdy base plated post at 1050mm high overall
- Simply cut top of post to reduce height if needed
- Made from Alloy 6106 T6: premium & rigid alloy
- 3.2mm wall thickness post: 50x50mm profile
- 100x100mm base plate 10mm thick welded on;
- 4 x 11mm diameter fixing holes
- Screw flutes in extrusion allow non-weld affixing of top rail



FINISHES



5800mm long – Full post

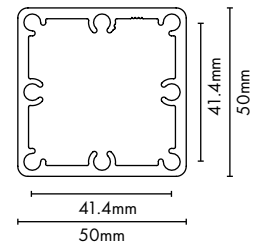
50x50x3.2mm

Satin Black or Monument Matt finish

Order Code: AR-5800-FP-B (Black)

AR-5800-FP-MN (Monument)

- 5800mm long post: suits core drill installation
- Cut to required lengths
- Made from Alloy 6106 T6: premium & rigid alloy
- 3.2mm wall thickness post: 50x50mm profile
- Screw flutes in extrusion allow non-weld affixing of top rail



lxx = 214.10 x 10E3 mmE4
lyy = 214.28 x 10E3 mmE4

FINISHES





PREMIUM PERF BALUSTRADE

5800mm rectangular handrail

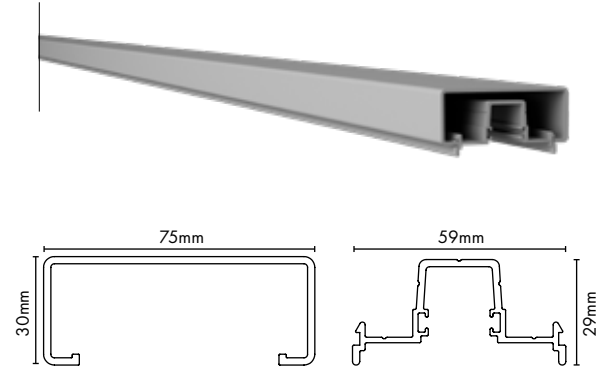
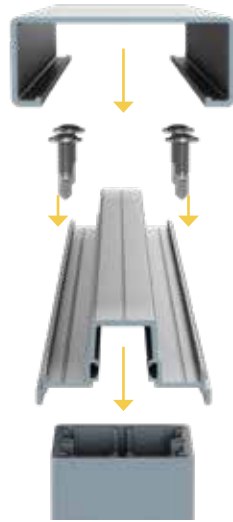
WITH CHANNEL INSERT

Satin Black or Monument Matt finish

Order Code: A50-5800-RHR-B (Black)

A50-5800-RHR-MN (Monument)

- 5800mm long 75x30mm rectangular profile
- Made from Alloy 6063 T6
- 2 part railing: (1) undercapping rail is screwed to top of post & (2) rectangular handrail is then snapped onto undercapping rail
- Easy to install



FINISHES



Oval handrail

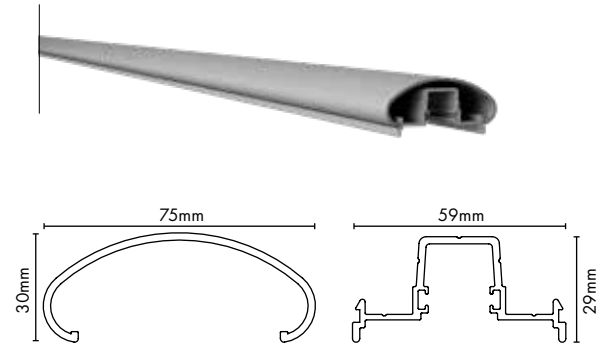
WITH CHANNEL INSERT

Satin Black or Monument Matt finish

Order Code: A50-5800-OHR-B (Black)

A50-5800-OHR-MN (Monument)

- 5800mm long 75x30mm oval profile
- Made from Alloy 6063 T6
- 2 part railing: (1) undercapping rail is screwed to top of post & (2) oval handrail is then snapped onto undercapping rail
- Easy to install



FINISHES





PREMIUM PERF BALUSTRADE

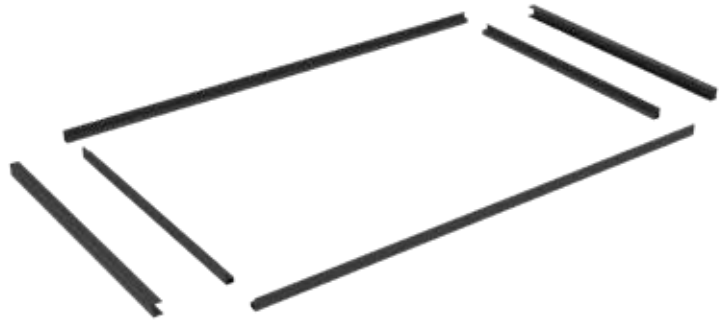
Premium Perf Balustrade 38x25mm

FRAMEKIT

Satin black or Monument matt powder coat

Order Code: **PP-BAL-FRAMEKIT-B/MN**

- Kit frames perf balustrade infill panel
- 2 part frame design enables hidden screw fixing of perf infill sheet to frame. Fixing screws are covered by snap in cover. Finished frame profile is 38x25mm around the entire perimeter of infill sheet.
- Framed infill panel fits into U channel both sides. U channel is affixed to posts.
- Frame kit suits installation into 'daylight opening' width of 1750mm
- Frame kit is easily height and width adjustable. Simply cut to size.



KIT CONSISTS OF

1) 2 x **1738mm** long horizontal snap in covers
2 x **949mm** long vertical snap in covers

2) 2 x **1738mm** long horizontal frames
2 x **949mm** long vertical frames

3) 2 x 1000mm long U channels
*2mm wall thickness

Wafer screws for fixing panel to frame sold separately. Refer code: **PP-SCREW-B/MN-50PK

INNOVATIVE 2-PART FRAME



STEP 1

Place perf infill sheet against centre frame wall



STEP 2

Screw off sheet and snap in cover



STEP 3

Completed 38 x 25mm profile with hidden screw fixing

1400mm long aluminium infill / spacer

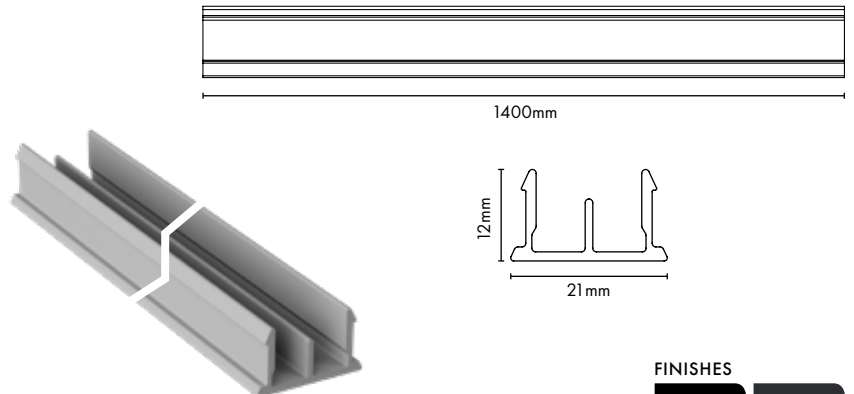
Satin Black or Monument Matt finish

Order Code: **A50-1400-INF-B (Black)**

A50-1400-INF-MN (Monument)

For "3 rail installations", snap infill into uncapping rail void as there is a gap between the underside of capping rail and perf panels.

TIP: infill is 1400mm wide so if opening size is wider than 1400mm, 2 x infills are required and it is suggested to cut equally so the join is at midpoint of undercapping.



FINISHES



PREMIUM PERF BALUSTRADE

Premium Full Perf Balustrade Infill Sheet

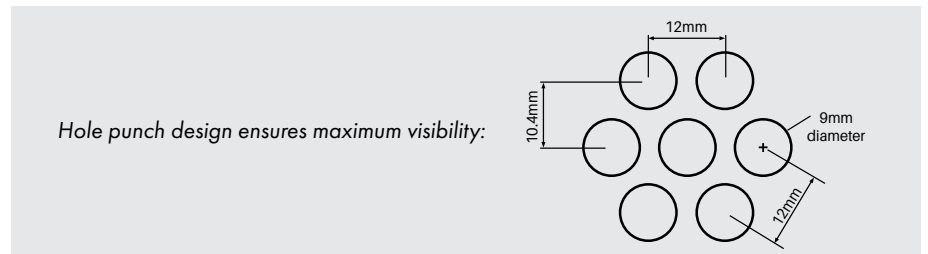
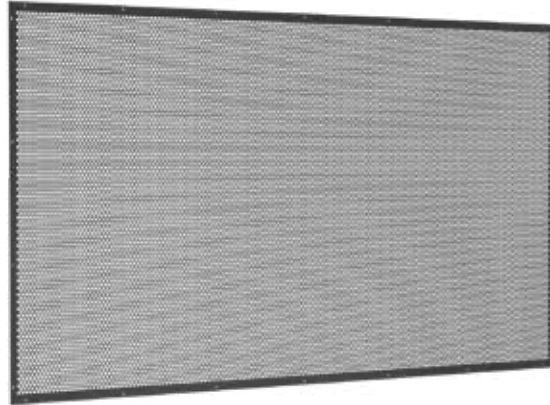
1726mm W x 988mm H

Matt Black or Monument Matt Texture

Powder Coat

Order Code: **PP-BAL-INFILL-B/MN**

- Premium marine grade alloy 5052 H32; 2.5mm thick
 - Akzo Nobel textured powder coat
 - 9mm diameter precision punched holes
 - Excellent visibility through punched panel; great alternative to glass
 - Minimal cleaning required + shatter proof
 - 20 x fixing screws are required per panel to fix to framing kit. If panel height/width adjusted, less screws may be required
 - Perimeter holes are prepunched at 325mm spacing around the sheet for ease of screw fixing to frame kit
 - With assembled framing, panel is 1738mmW x 1000mmH - framing sold separately. With U channels at sides, suits 'daylight opening' of 1750mm wide.
 - Height and width adjustable: simply cut to size. Refer 'fabrication overview' section
- TIP: Refer page 46-47 for detailed info on panel size adjustment.



Rectangular end cap

ALUMINIUM

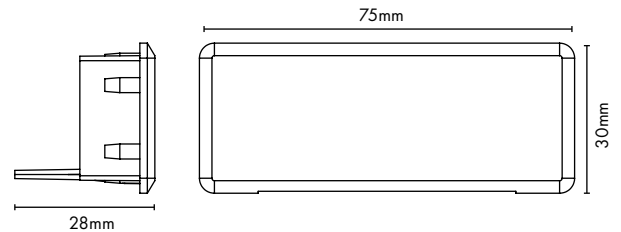
Suits 75x30mm rectangular handrail

Satin Black or Monument Matt finish

Order Code: **A50-ECA-R-B (Black)**

A50-ECA-R-MN (Monument)

- End cap made from aluminium die cast
- Suits 75x30mm rectangular handrail
- Features protruding fins at bottom so end cap may be mechanically fixed to undercapping rail using 10g x 16mm screws (sold separately PP-SCREW-B/MN-50PK)



FINISHES



Offset bracket

ALUMINIUM

2 PACK (1 LEFT & 1 RIGHT BRACKET)

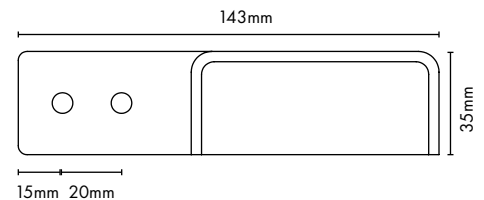
Suits 75x30mm rectangular handrail

Satin Black or Monument Matt finish

Order Code: **A50-BRACKET-R-B-2PK (Black)**

A50-BRACKET-R-MN-2PK (Monument)

- Offset bracket made from aluminium die cast
- Suits 75x30mm rectangular handrail
- Caps over top of handrail and features offset leg for fixing to wall/post
- Mechanically fix bracket to handrail by screwing through side of bracket into handrail
- 2 x 7mm diameter holes for fixing to post/wall
- Sold as a 2 pack - 1 x left and 1 x right bracket



FINISHES





PREMIUM PERF BALUSTRADE

Oval end cap

ALUMINIUM

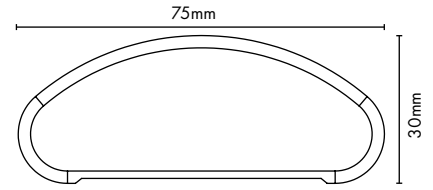
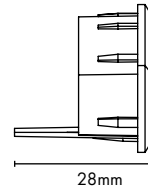
Suits oval handrail

Satin Black or Monument Matt finish

Order Code: **A50-ECA-O-B (Black)**

A50-ECA-O-MN (Monument)

- End cap made from aluminium die cast
- Suits 75x30mm oval handrail
- Features protruding fins at bottom so end cap may be mechanically fixed to undercapping rail using 10g x 16mm screws (sold separately PP-SCREW-B/MN-50PK)



FINISHES



Offset bracket

ALUMINIUM

2 PACK (1 LEFT & 1 RIGHT BRACKET)

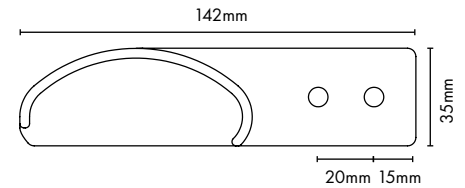
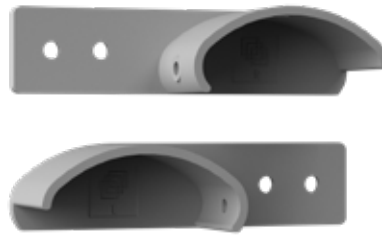
Suits oval handrail

Satin Black or Monument Matt finish

Order Code: **A50-BRACKET-O-B-2PK (Black)**

A50-BRACKET-O-MN-2PK (Monument)

- Offset bracket made from aluminium die cast
- Suits 75x30mm oval handrail
- Caps over top of handrail and features offset leg for fixing to wall/post
- Mechanically fix bracket to handrail by screwing through side of bracket into handrail
- 2 x 7mm diameter fixing holes to post/wall
- Sold as a 2 pack - 1 x left and 1 x right bracket

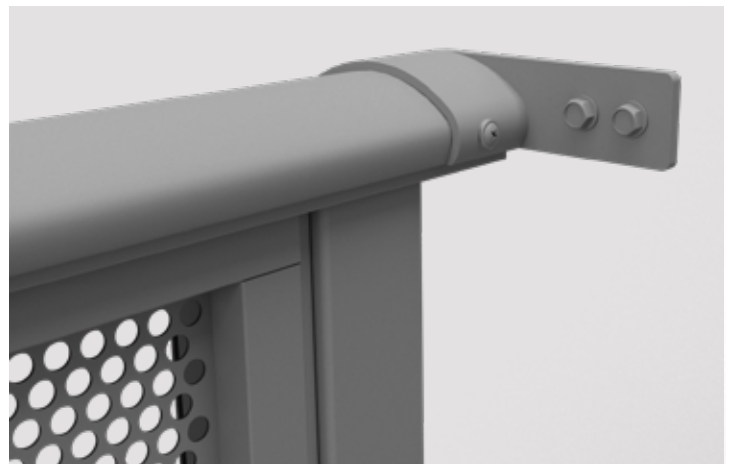


FINISHES



STEP 1

Offset bracket caps over installed handrail.



STEP 2

Screw fix offset bracket to (1) handrail and (2) post/wall.



PREMIUM PERF BALUSTRADE

Wall Plate

ALUMINIUM

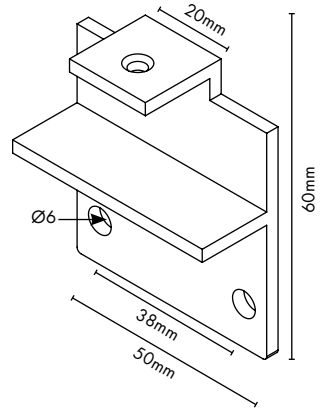
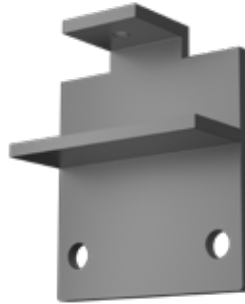
Suits oval & rectangular handrail

Satin Black or Monument finish

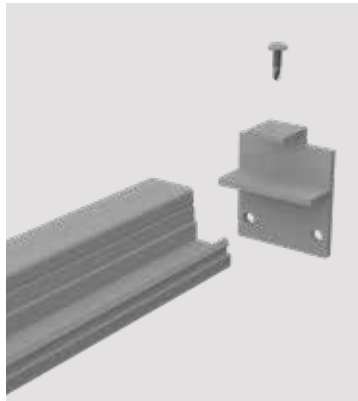
Order Code: A50-WP-B (Black)

A50-WP-MN (Monument)

- Affixes internally to undercapping rail with only the bottom section visible – provides a slimline finish
- Affix to undercapping rail firstly and then affix to wall. Oval or rectangular rail handrail snaps over the undercapping rail with wall plate



FINISHES



STEP 1

Insert wall plate onto undercapping rail and fix off through hole located on top of wall plate.



STEP 2

Screw fix undercapping rail to post via 4 x screw flutes in corners of posts. Ensure wall plate neatly fits against wall/post. Use 12x25mm panhead screw (refer stock code AR-SCR-BR)



STEP 3

Affix wall plate to wall/post using 2 x screws. Use suitable screws to fix having regard to structure.



STEP 4

Clip on oval or rectangular handrail onto undercapping rail. Wall plate is hidden except for bottom section.

Two part domical cover

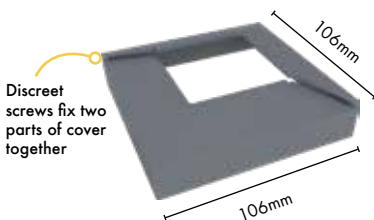
POWDER COATED ALUMINIUM

Black, Monument

Order Code: XP-DC-2P-B (Black)

XP-DC-2P-MN (Monument)

- Suits 50x50mm post with 100x100mm base plate
- 106x106mm outer – 52x52mm inner – Alloy ADC12
- Cover can be fitted to posts after balustrade posts are installed



Post dress rings

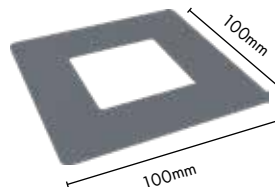
POWDER COATED ALUMINIUM

Black, Monument

Order Code: XP-DR-B (Black)

XP-DR-MN (Monument)

- Suits 50x50mm core drill posts
- 100mm x 100mm outer – 52mm x 52mm inner





PREMIUM PERF BALUSTRADE

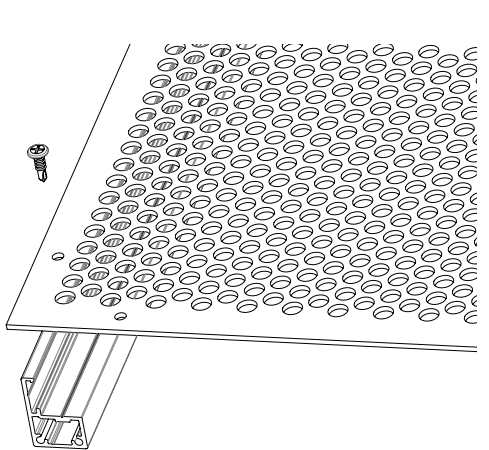
Self drilling wafer screws

10Gx16mm – BAG OF 50

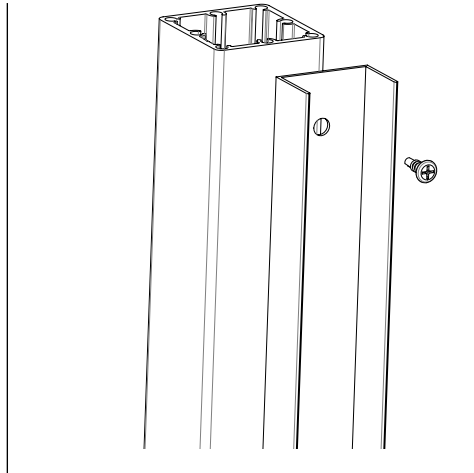
Satin black or Monument heads

Order Code: PP-SCREW-B/MN-50PK

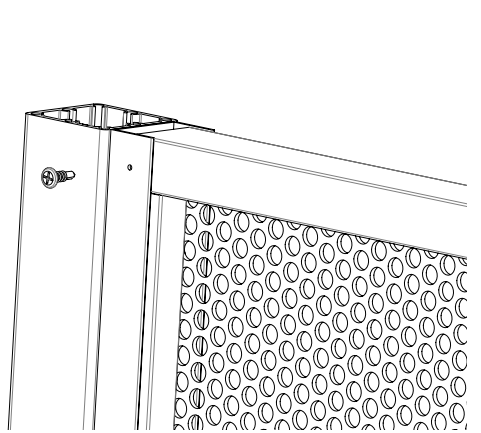
- Bags of 50 – 10G x 16mm self drilling wafer SS304 screw
- Powder coated heads for neat finish
- Used for a variety of applications:



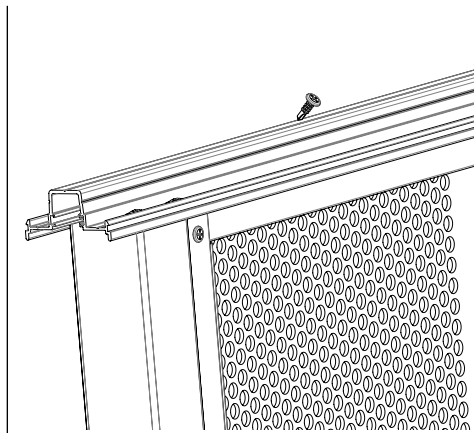
1) Fixes perforated infill sheet to framing kit



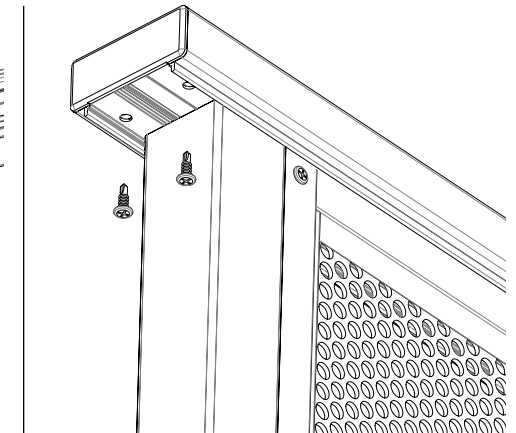
2) Fixes U channels to aluminium 50x50mm posts



3) Fixes together framing kit vertical sides and U channel



4) Fixes undercapping rail to framing kit



5) Fixes end cap to undercapping rail

12g x 25mm panhead screw with square drive head

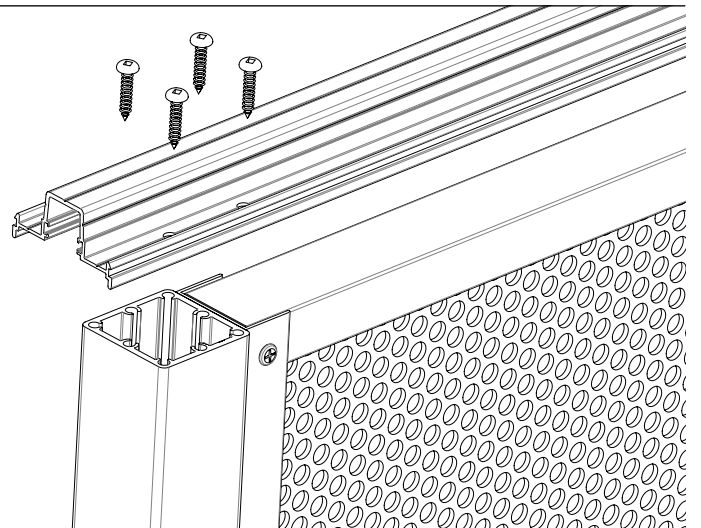
SS304HC

PACK OF 50

Mill

Order Code: AR-SCR-BR-50PK

- SS304 panhead screw 12gx25mm with square drive head
- Use for fixing of undercapping rail to top of post. Screws are hidden by snap on rectangular or oval rail.





PREMIUM PERF BALUSTRADE

Driver bit

Order Code: DB-PH3

- Driver bit to suit Phillips #3 screw head.



Square head driver bit

Order Code: DB-SQ3.4

- Driver bit to suit 3.4mm square screw head hole
- Suits AR-SCR-BR-50PK screws



Touch Up Paint

150g SPRAY CAN

Black or monument finish

Order Code: PAINT-B (Black)

PAINT-MN (Monument)

- Colour match touch up paint



M10 Timber fixing kit

4 PACK – SS316

Order Code: S-110LAG-4PK

- M10 x 110mm timber lag screws x4 with nuts and washers
- Hex drive head in screw



M10 Concrete fixing kit

4 PACK – SS316

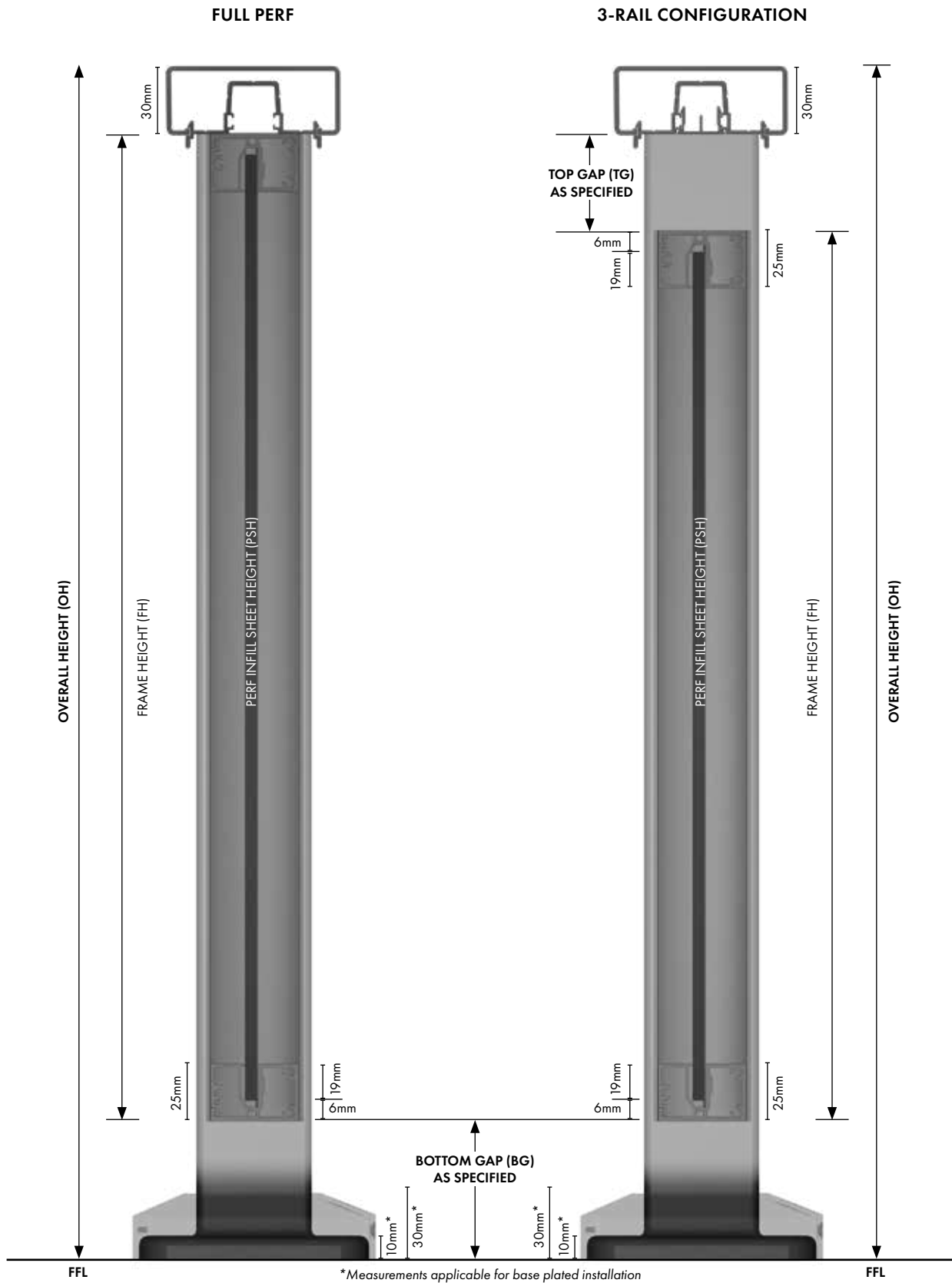
Order Code: S-120ROD-4PK

- M10 x 120mm concrete threaded rods x4 with nuts and washers
- Adhere into concrete with suitable chemical anchor





FABRICATION OVERVIEW



FRAME HEIGHT (FH) =
Overall Height (OH) – Bottom Gap (BG) – 30mm

PERF INFILL SHEET HEIGHT (PSH) =
Frame Height (FH) – 12mm

FRAME HEIGHT (FH) =
Overall Height (OH) – Bottom Gap (BG) – Top Gap (TG) – 30mm

PERF INFILL SHEET HEIGHT (PSH) =
Frame Height (FH) – 12mm



NOTE – Select finish code:
(EG AR-1050-FPBP-B for black)

ORDER CODES

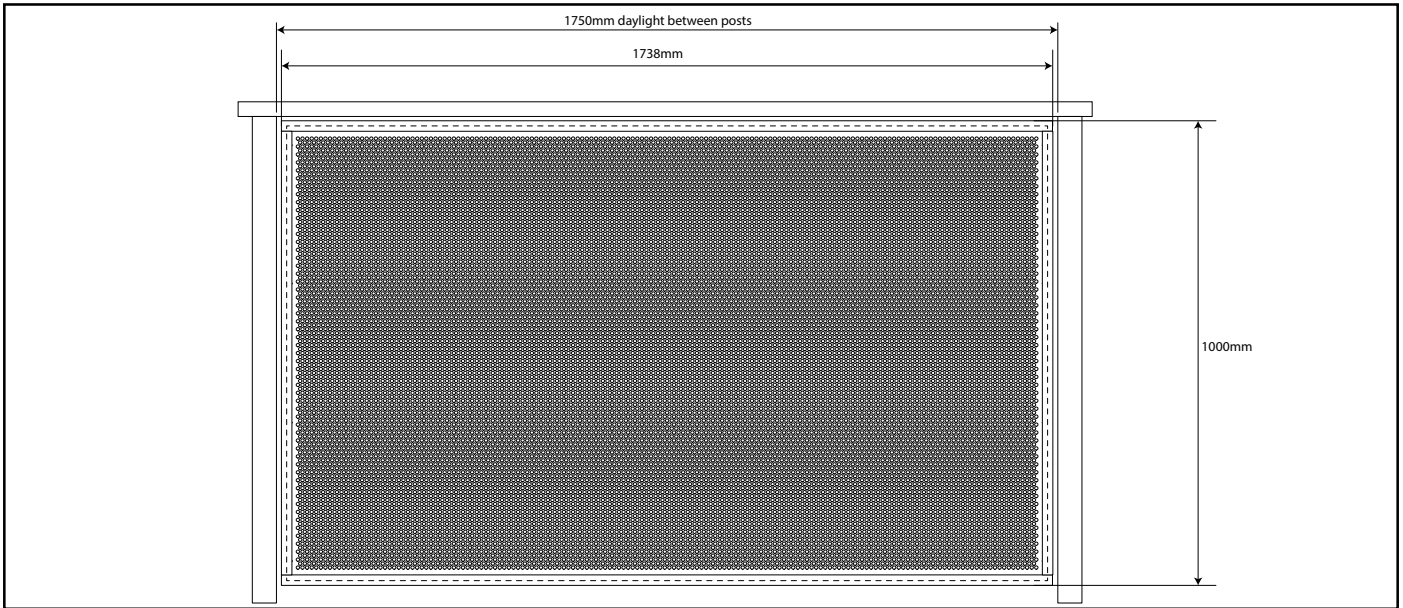
Order Code	Description	Colours
AR-1050-FPBP-B/MN	1050mm high – 50x50mm post with weld on 100x100mm base plate	 
AR-5800-FP-B/MN	5800mm long – 50x50mmx3.2mm full post	 
A50-5800-RHR-B/MN	5800mm long rectangular handrail with undercapping rail	 
A50-5800-OHR-B/MN	5800mm long oval handrail with undercapping rail	 
A50-1400-INF-B/MN	1400mm long aluminium infill (for undercapping rail)	 
PP-BAL-INFILL-B/MN	1726mm wide x 988mm perforated infill panel	 
PP-BAL-FRAMEKIT-B/MN	38x25mm 2 part frame kit (includes complete panel frame & U channel)	 
A50-ECA-R-B/MN	75 x 30mm rectangular end cap	 
A50-BRACKET-R-B/MN-2PK	143 x 35mm rectangular handrail offset bracket	 
A50-ECA-O-B/MN	75 x 30mm oval end cap	 
A50-BRACKET-O-B/MN-2PK	142 x 35mm oval handrail offset bracket	 
A50-WP-B/MN	Wall plate (attaches to undercapping rail)	 
XP-DC-2P-B/MN	106 x 106mm two part domical cover	 
XP-DR-B/MN	100 x 100mm dress ring	 
PP-SCREW-B/MN	10gx16mm self drilling wafer screw – 50 pack	 
AR-SCR-BR-50PK	12g x 25mm panhead screw with square drive head – 50 pack	
S-110LAG-4PK	M10 x 110mm long timber lag screw – 4 pack	
S-120ROD-4PK	M10 x 120mm thread rod with nuts/washers – 4 pack	
DB-PH3	Phillips #3 driver bit	
DB-SQ3.4	Square head driver bit	
PAINT-B/MN	Touch up paint	 

 BLACK  MONUMENT



PERF BALUSTRADE ASSEMBLY OVERVIEW

Based on maximum infill size with framing giving 1750mm wide daylight opening

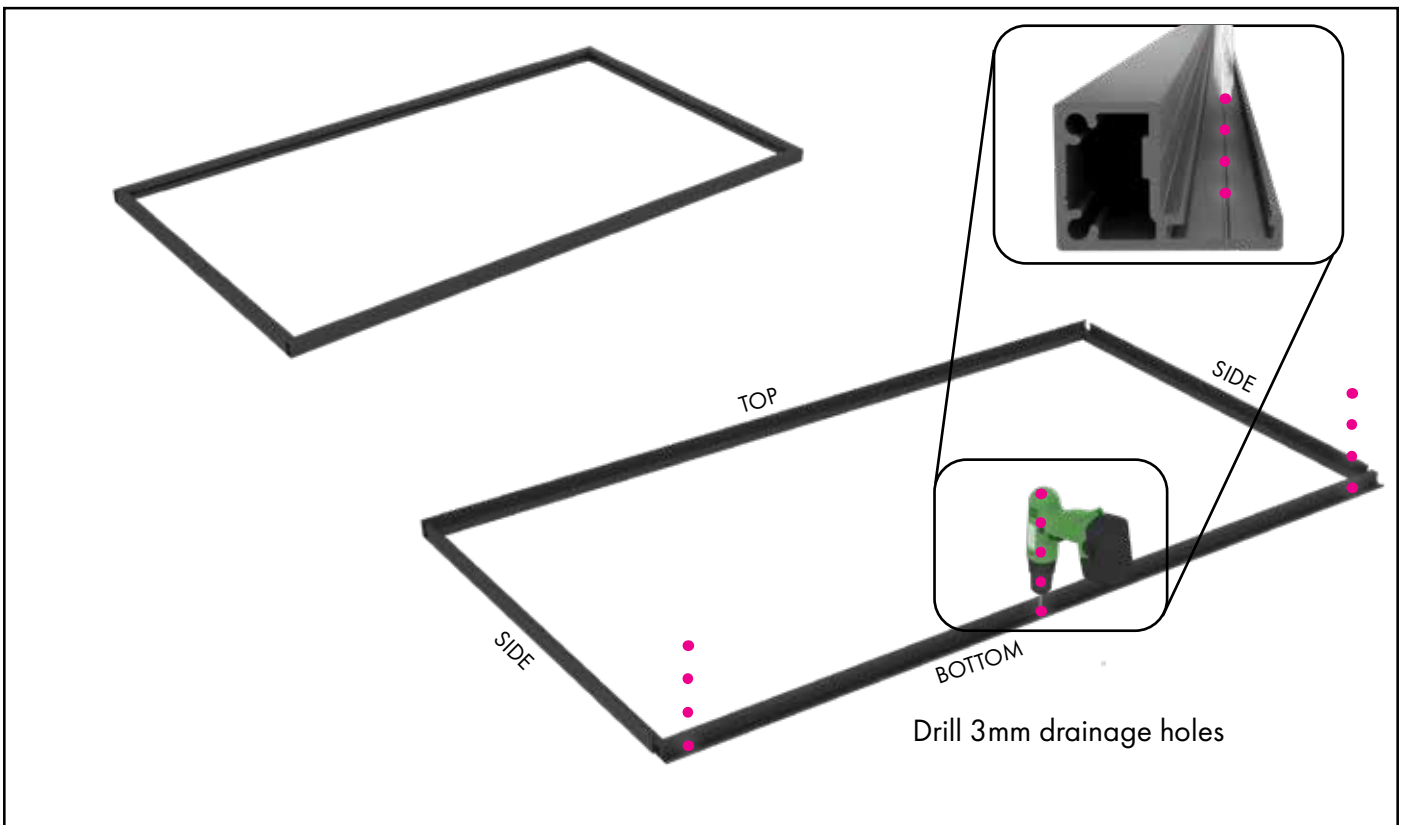


NOTE

Once assembled with framing, infill panels are 1738mm wide x 1000mm high

With U channel installed both sides, infill panels fit into an 1750mm wide opening as standard. With 50x50mm posts, this equates to centre to centre of post being 1800mm wide.

For height and width adjustment, refer end of assembly guide.

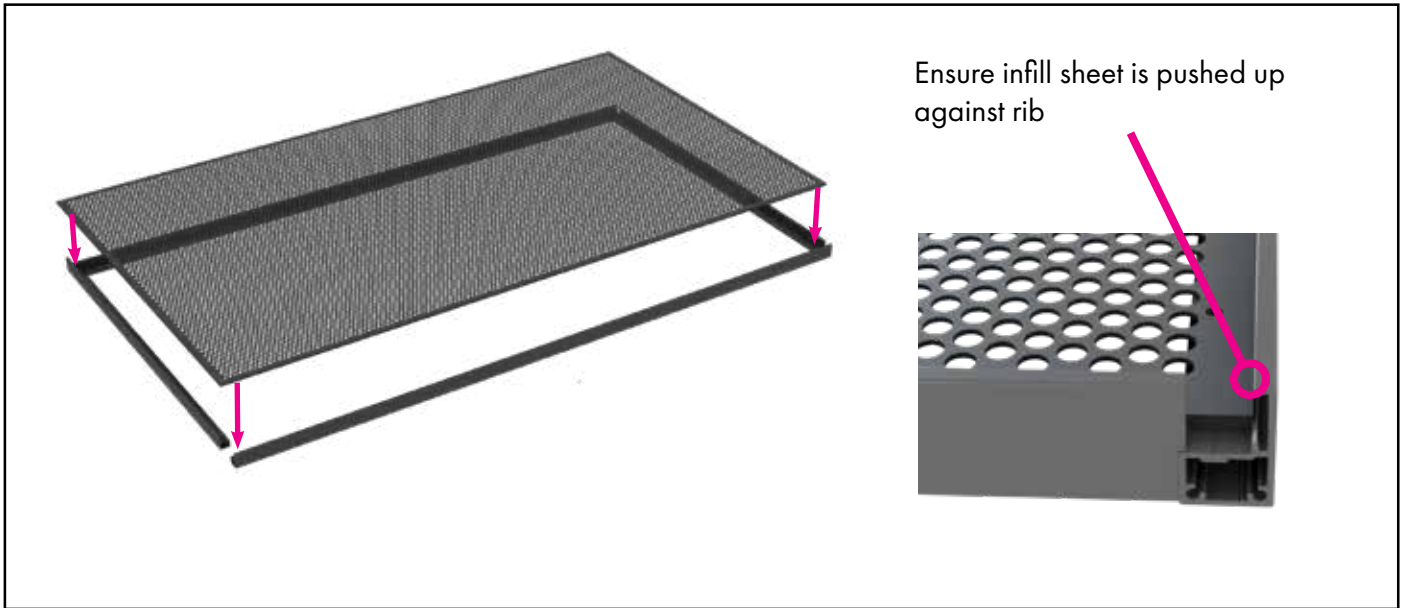


1

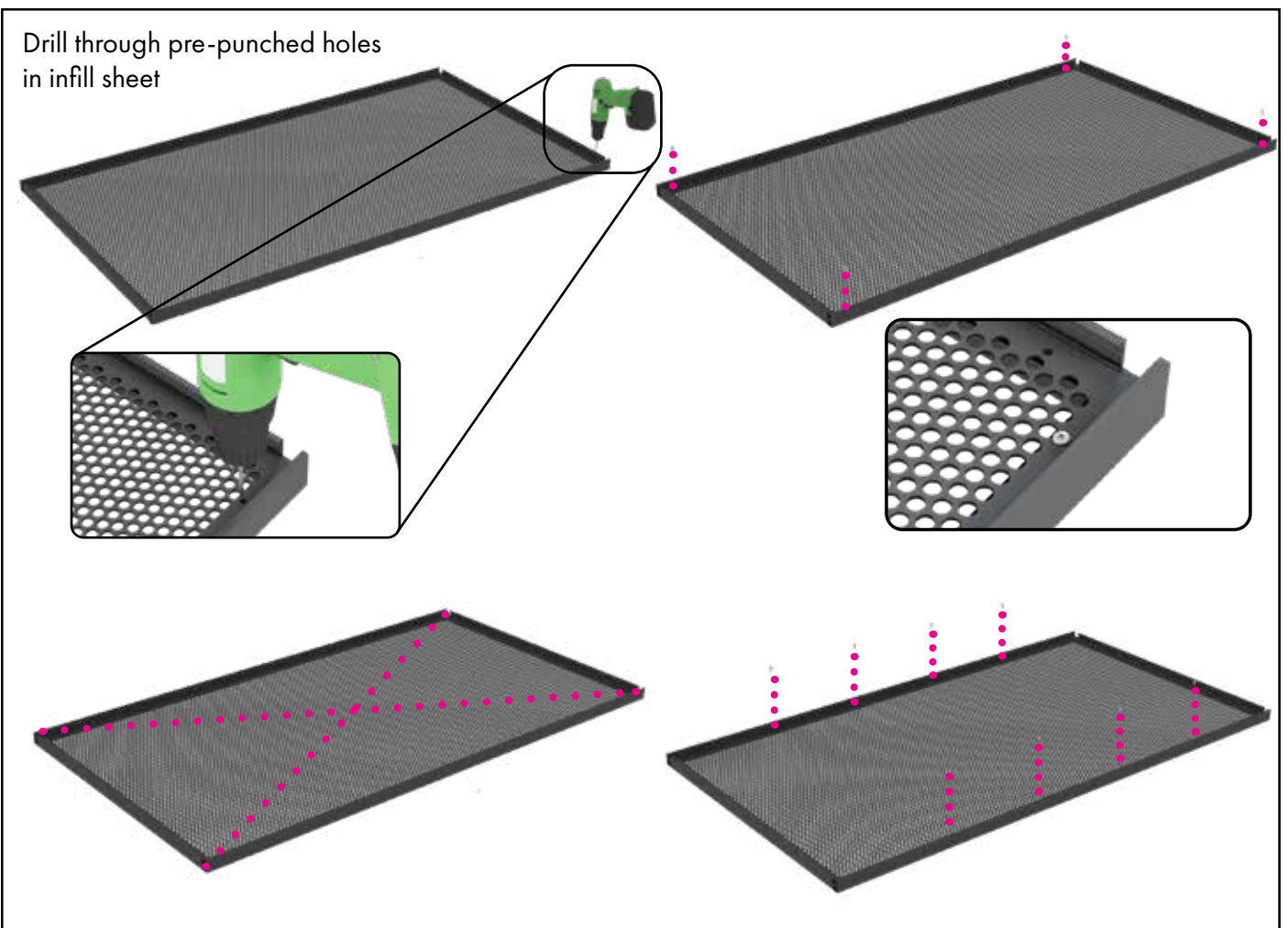
Lay out rails in picture frame (side rails inside top/bottom rails).

Drill 3mm drainage holes in bottom rail at 2 ends and midpoint

PERF BALUSTRADE ASSEMBLY OVERVIEW



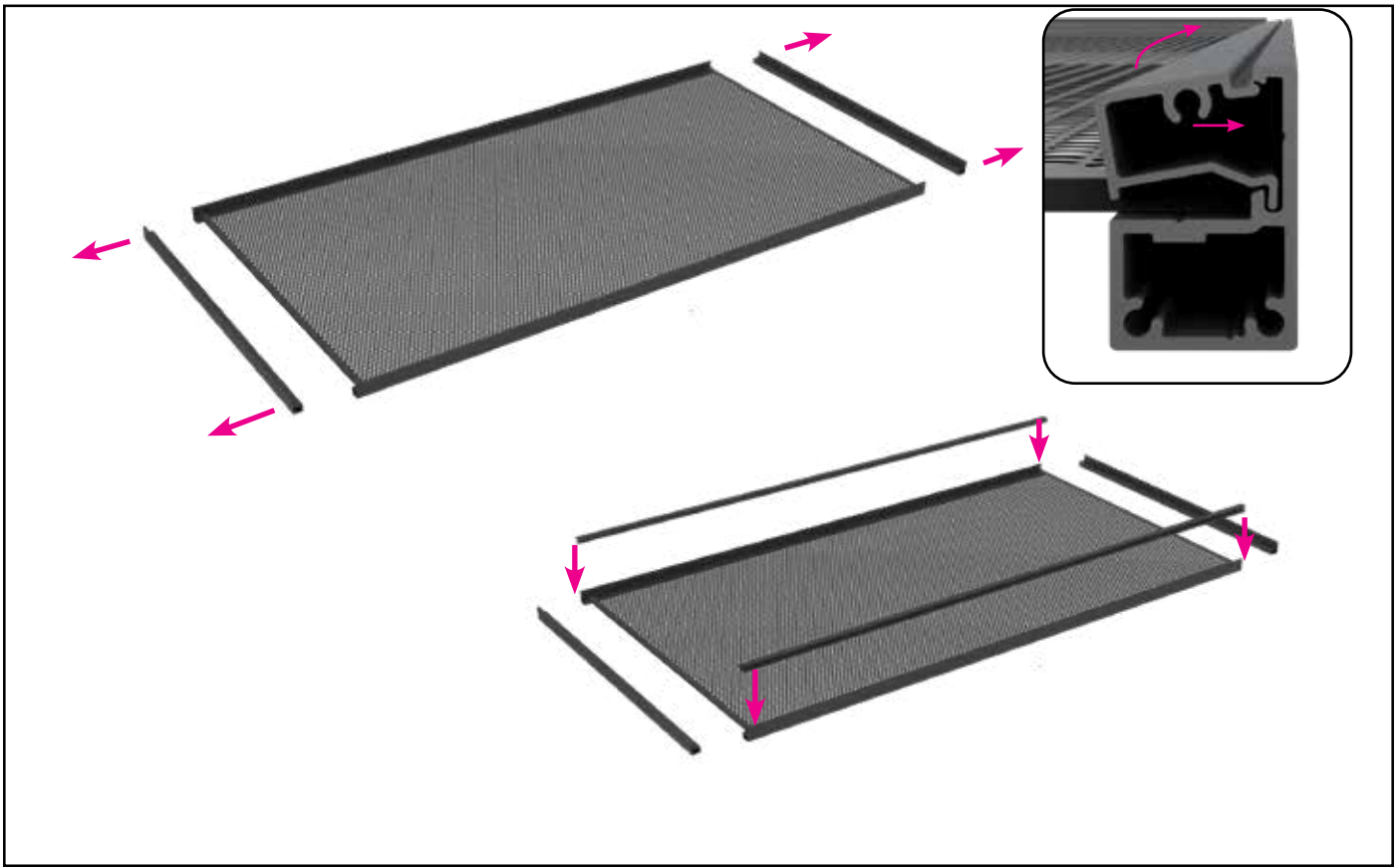
- 2** Place infill sheet in frame rebate, ensuring infill sheet is tight against rail rib on all 4 sides. Check square.



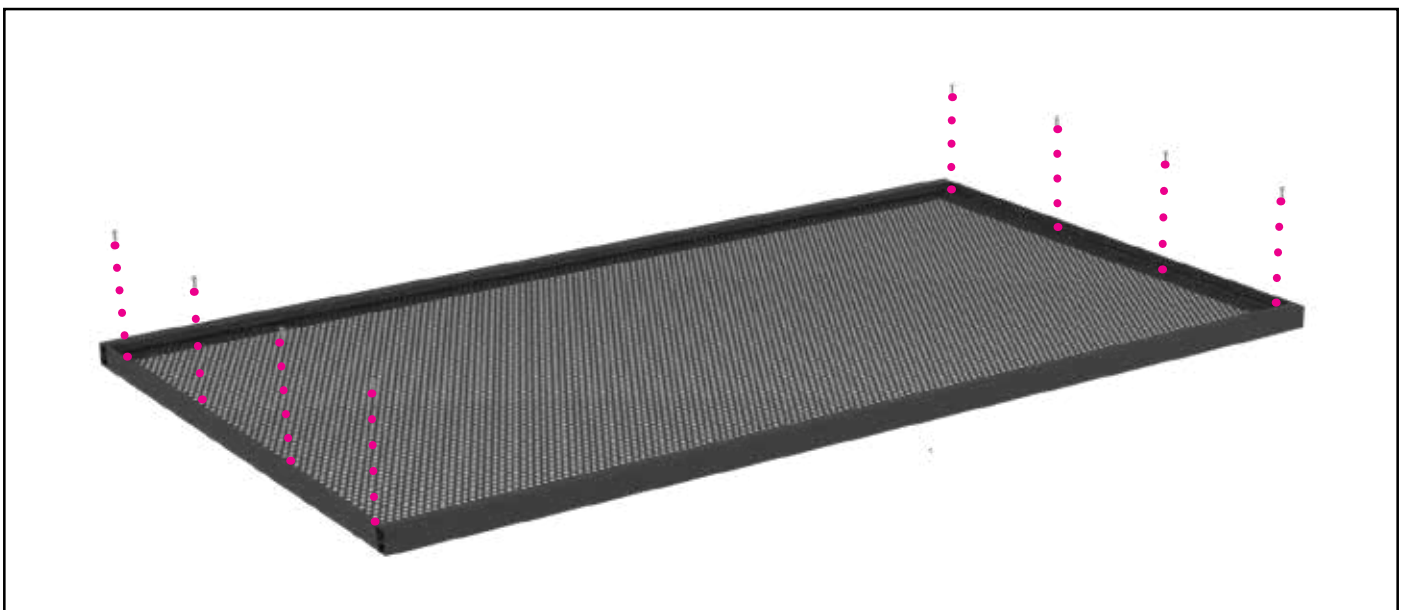
- 3** Drill 3mm pilot holes into the top and bottom outer frame rebate, aligning with the pre-punched holes in the infill sheet border. Start with the 4 outer holes and affix with self tapping wafer screws and check for squareness. Adjust as necessary before drilling and screwing the remaining holes.



PERF BALUSTRADE ASSEMBLY OVERVIEW

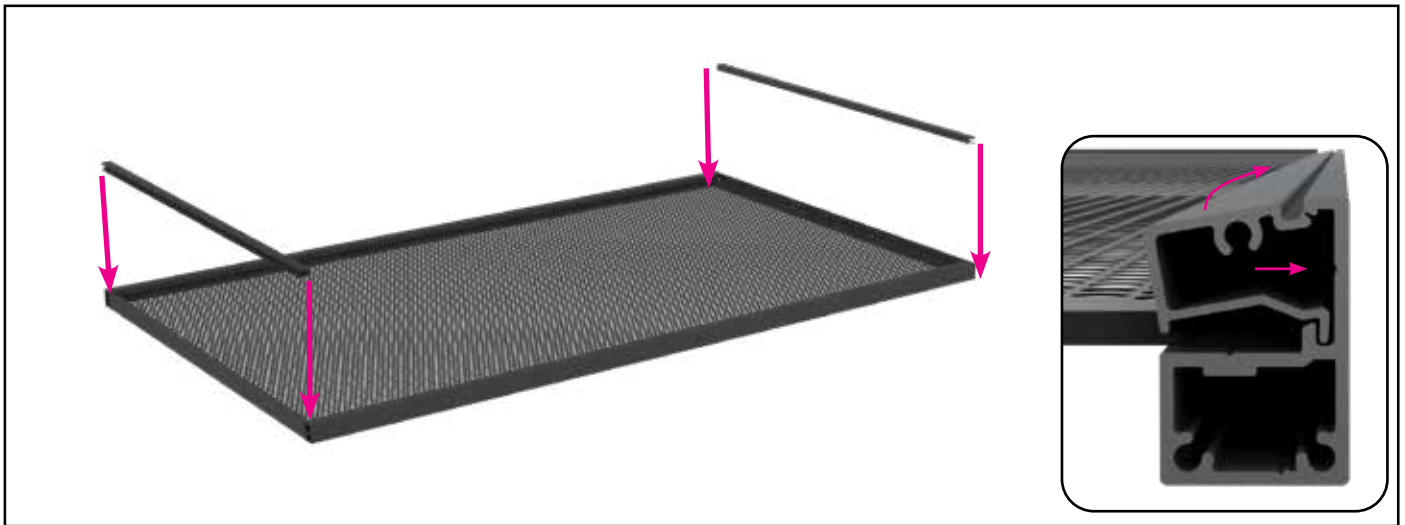


- 4** Remove the side rails from infill sheet temporarily and affix clip bead to top and bottom rail.
Return side rails into position and ensure infill sheet is tight against rail ribs (both sides).



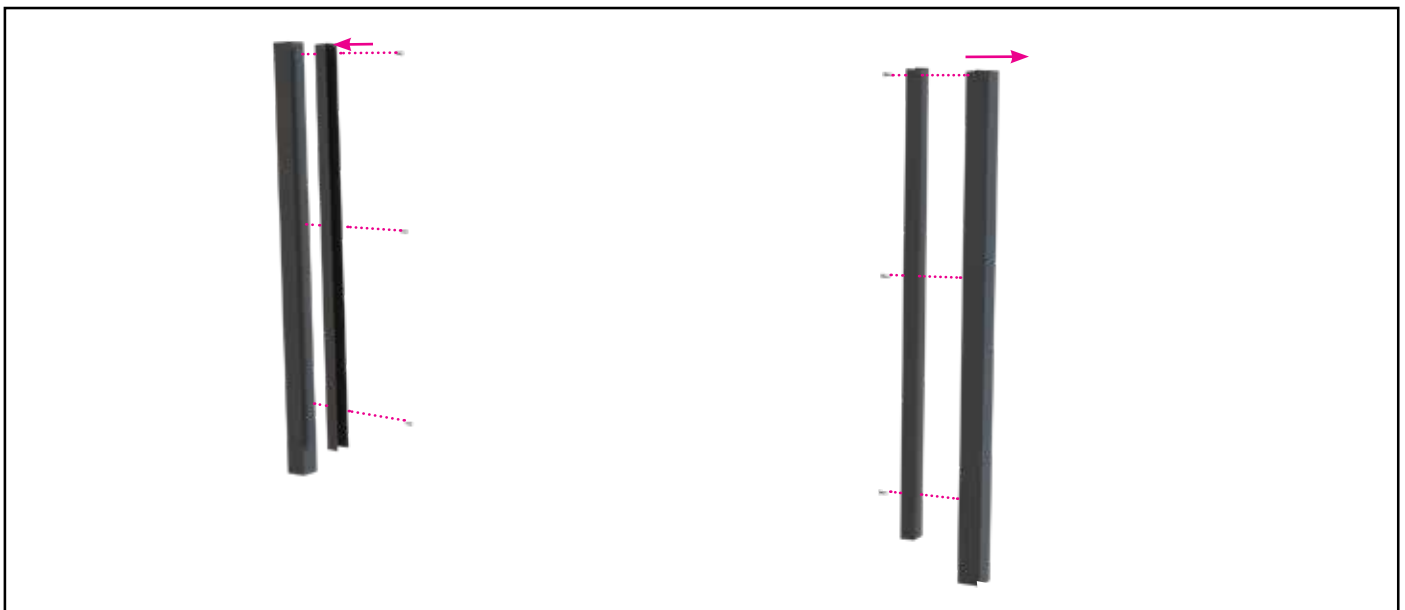
- 5** Drill 3mm pilot holes and affix infill sheet to side rails with self tapping wafer head screws using pre-punched fixing holes.
Check panel is square before and after tightening. Adjust as necessary.

PERF BALUSTRADE ASSEMBLY OVERVIEW



6

Affix clip bead to side rails

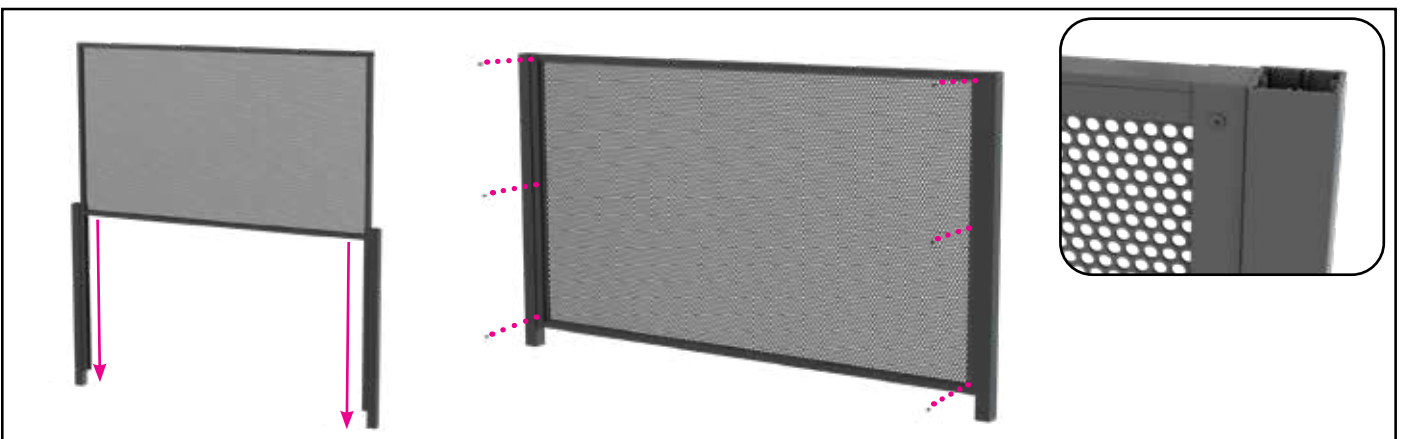


7

Screw fix U-Channel to aluminium posts using self tapping wafer head screws having regard to the desired gap between the bottom rail and the finished ground level.

Fix off vertical U channel to posts at 3 points – bottom, middle and top.

NOTE: Allow for suitable fixings if installing to varied post materials.

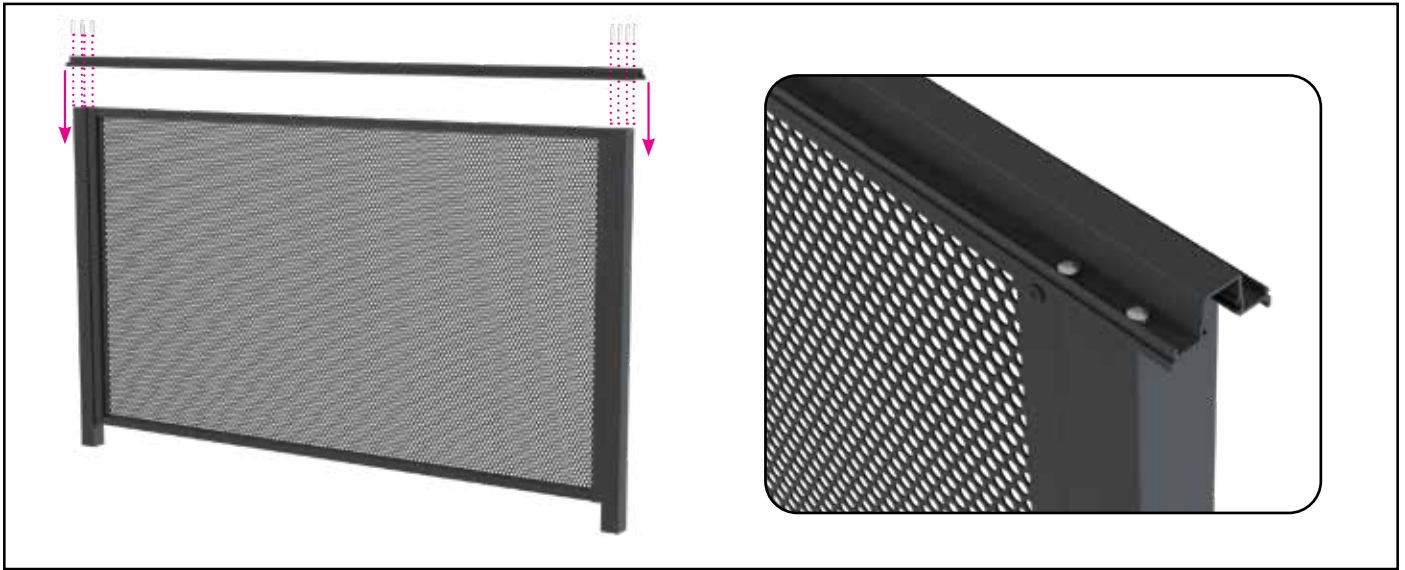


8

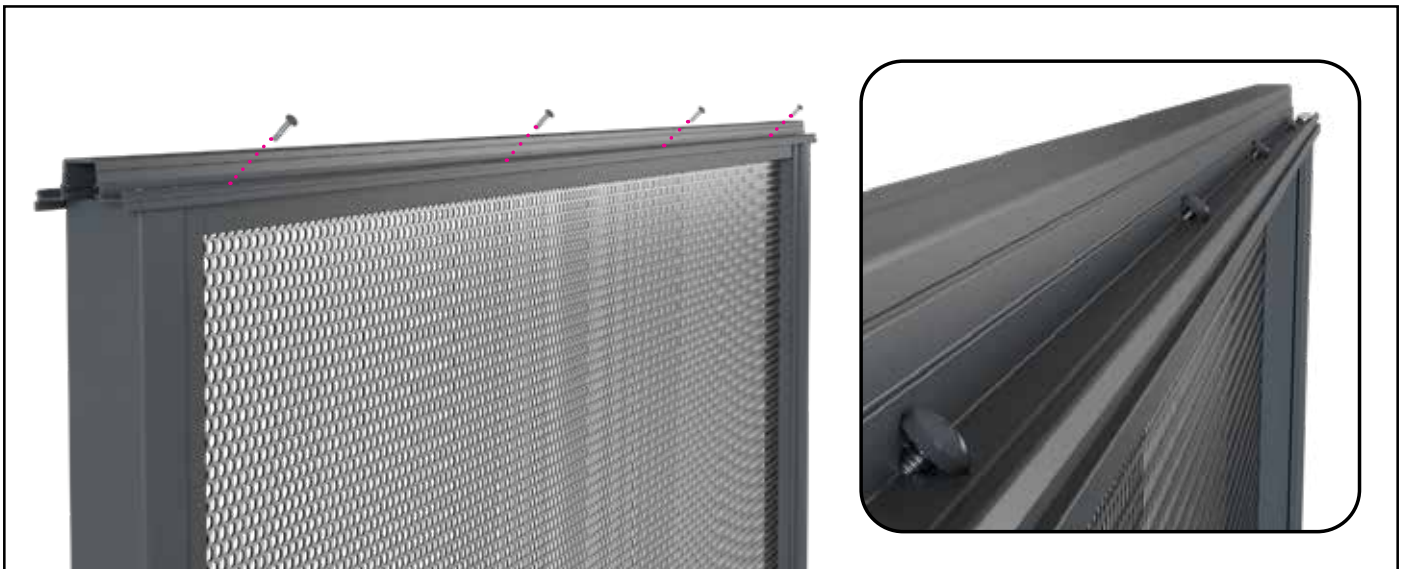
Lower panel into U Channel and fix off using wafer head screws either side of panel at top, middle and bottom.



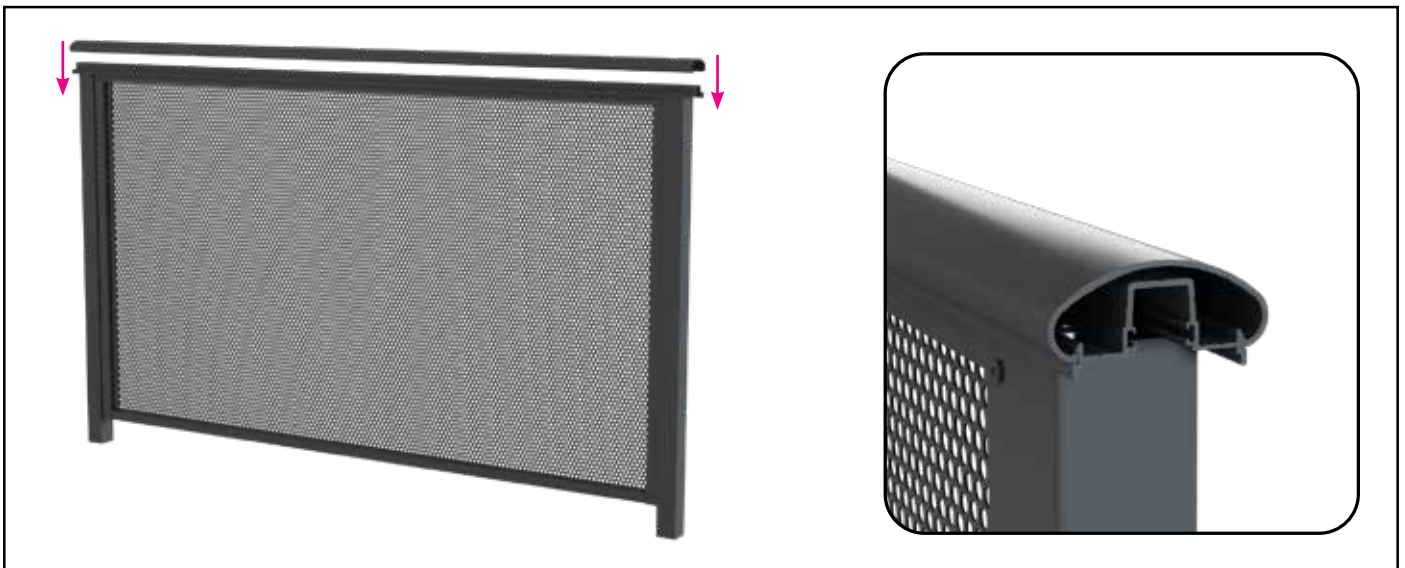
PERF BALUSTRADE ASSEMBLY OVERVIEW



9 Fix off undercapping rail to top of posts securing to each post with 12gx25mm panhead screws.

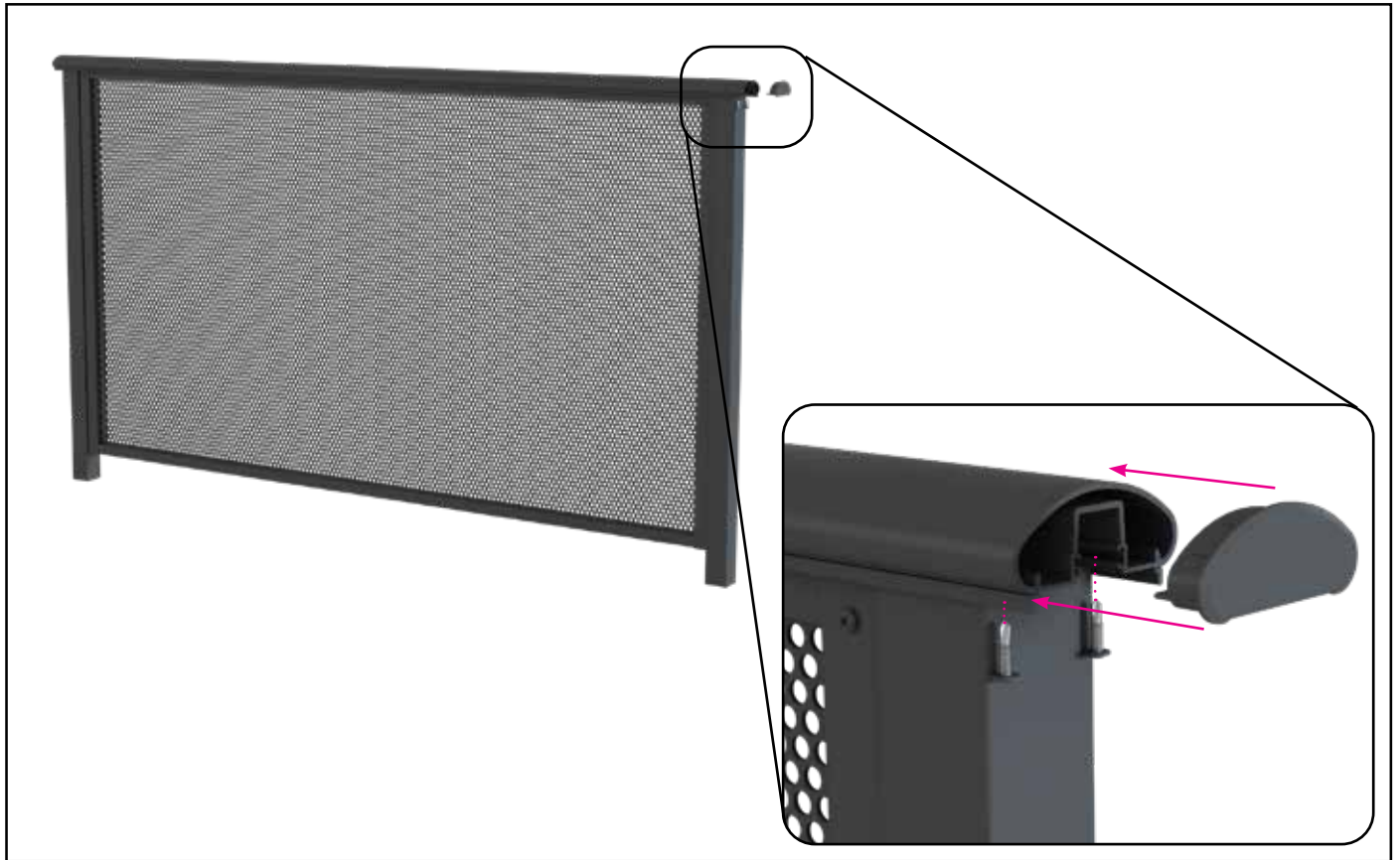


10 Secure undercapping rail to frame with wafer screws going in through undercapping rail at a 45 degree angle, approx every 500mm.



11 Snap handrail onto undercapping rail.

PERF BALUSTRADE ASSEMBLY OVERVIEW



12 If required, push end caps into end of handrail and secure on underside with 2 x wafer screws.



13 If attaching handrail to wall, lever offset wall bracket over handrail and affix to wall using 2 x appropriate fixings (not provided) and one wafer screw through offset wall bracket into handrail.



ASSEMBLY OVERVIEW – APPENDIX 1

APPENDIX 1 / PANEL SIZE ADJUSTMENT FABRICATION OVERVIEW

WIDTH AND HEIGHT ADJUSTMENT FOR OUTER FRAME

PANEL FRAMING CUTTING FORMULAS

2 x Horizontal Top/Bottom Rails = distance between posts minus 12mm

2 x Vertical side frames = Outer frame height of panel** minus 51 mm

2 x Vertical U Channels = Outer frame height of panel**

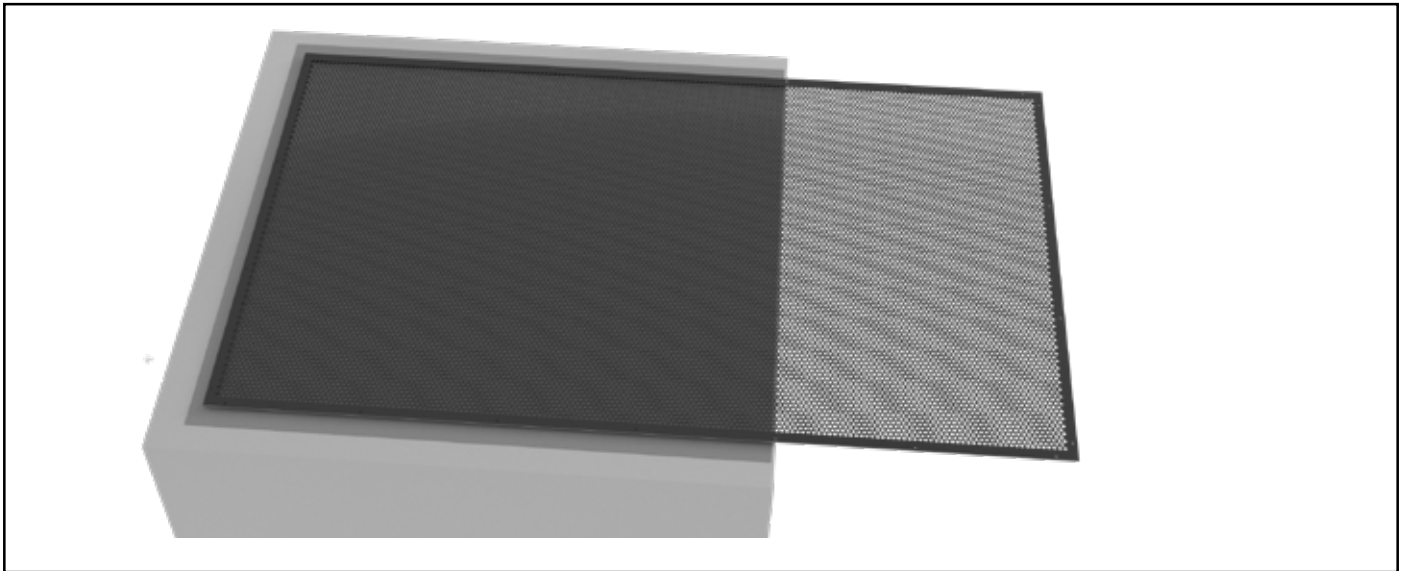
**assumes horizontal top and bottom installed onto infill sheet

WIDTH AND HEIGHT ADJUSTMENT FOR INFILL PANEL

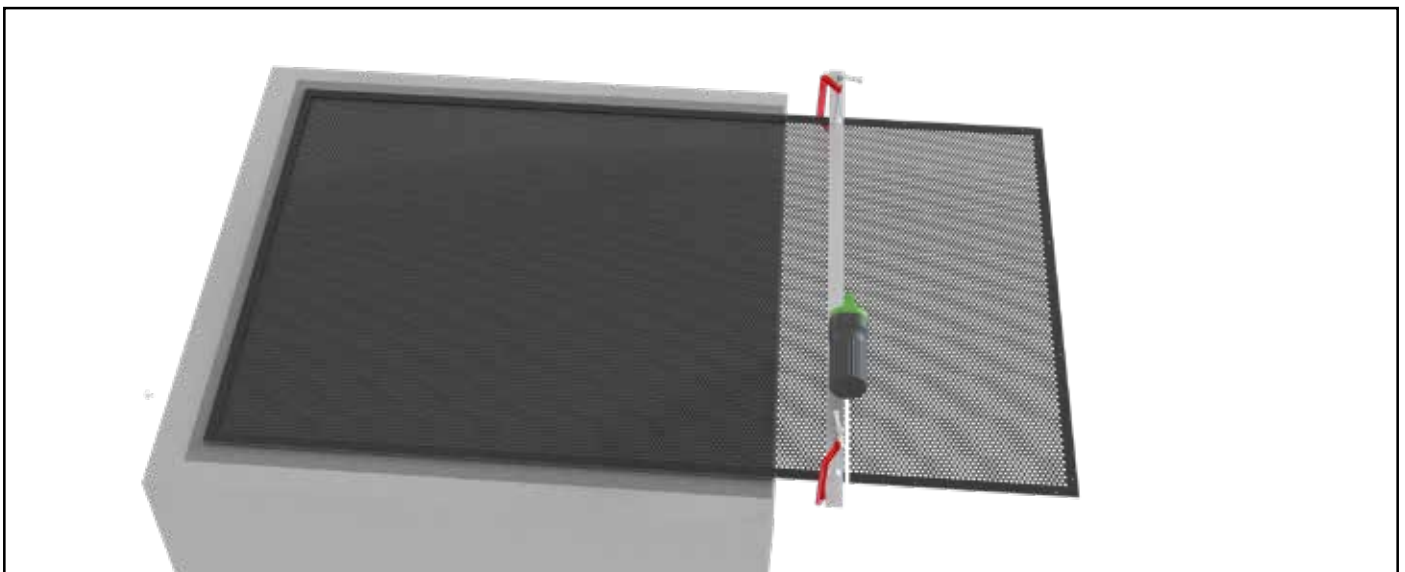
INFILL SHEET CUTTING FORMULA

SHEET WIDTH: Final outer frame width dimension minus 12mm

SHEET HEIGHT: Final outer frame height dimension minus 12mm



1 Lay the infill sheet on flat, padded surface, overhanging the off-cut.



2 Using a clamped straight-edge as a guide, cut using a nibbler tool. (Infill sheet is 2.5mm thick aluminium – ensure nibbler suits cutting this specification.)

Once cut, file any sharp or protruding edges.

**if height of panel requires adjusting, repeat steps 1 & 2 but for height



ASSEMBLY OVERVIEW – APPENDIX 1

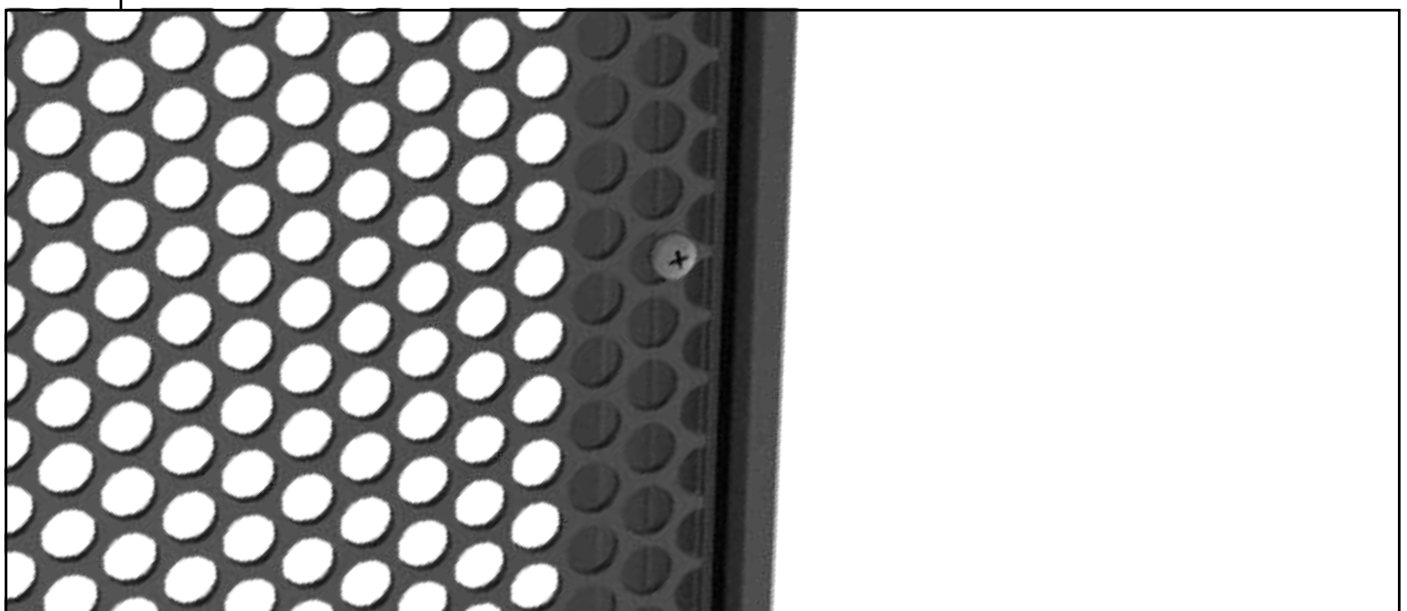
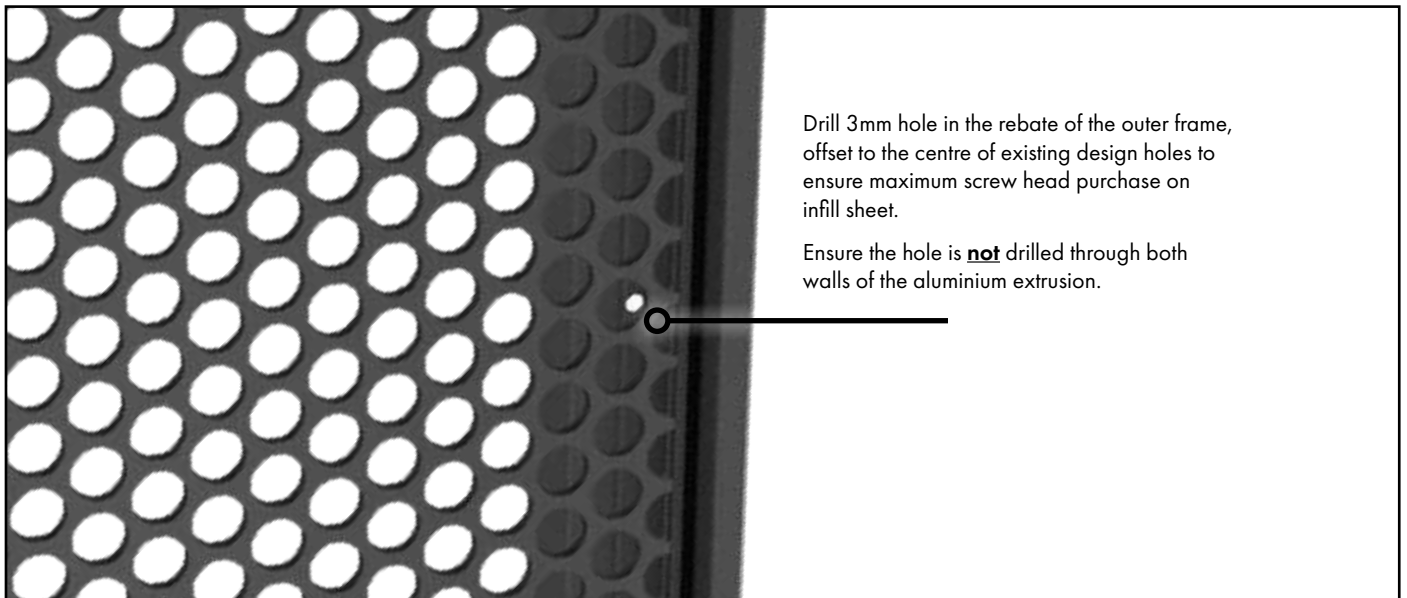
See Steps 1-6 of Assembly Guide, incorporating step 4 below.

3

Assemble outer frame to infill sheet as per steps 1 to 6

WIDTH AND HEIGHT ADJUSTMENT FOR HORIZONTAL AND VERTICAL FRAME

The fixing holes around the border of the infill sheet may be removed when adjusting width or height.

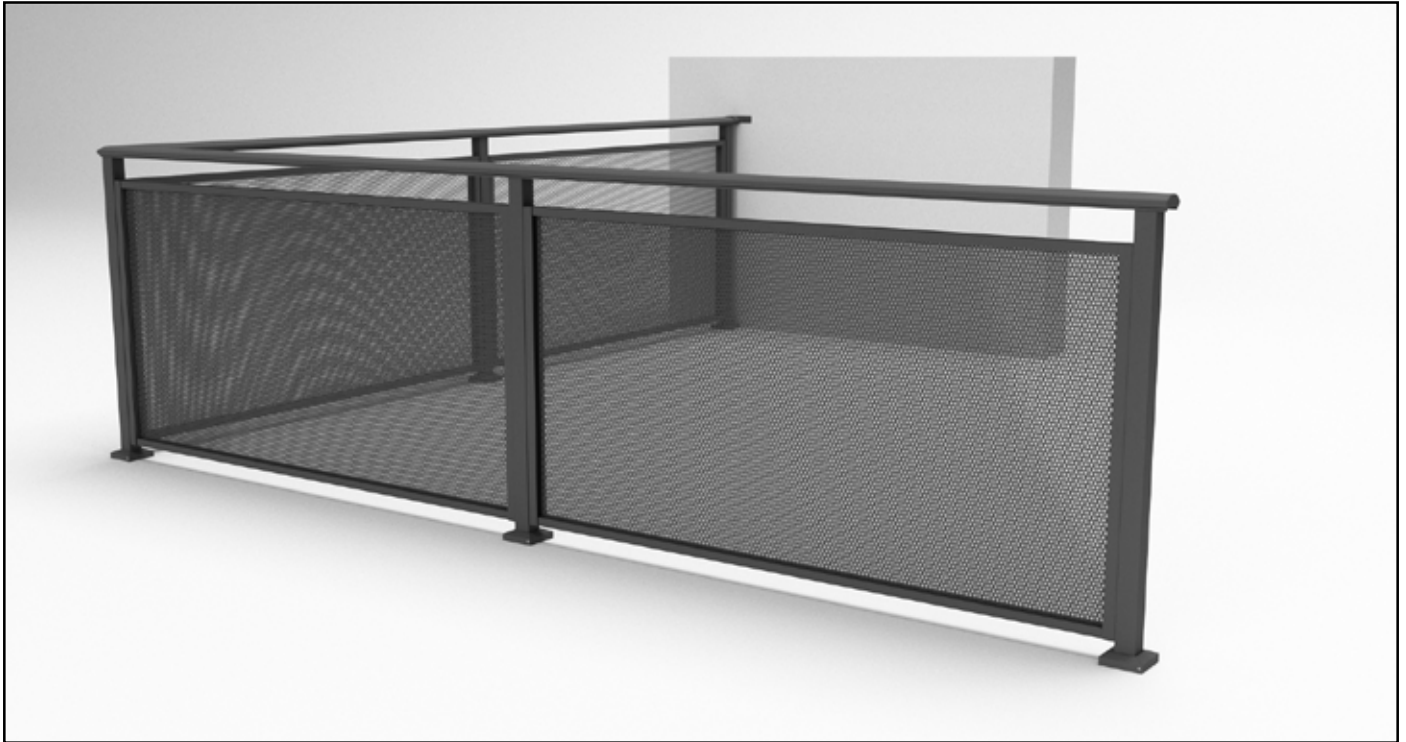


4

Ensure holes/infill sheet fixings are approx 50mm from each corner and 400mm apart (applies to top/bottom/sides of panel).



ASSEMBLY OVERVIEW – APPENDIX 1



NOTE

For 3 rail configuration, height of panel can be adjusted as required to achieve desired look and spacing. U channel should be cut to same height as side frames, and snap in void infill installed to the channel in the undercapping of handrail.
NOTE: Omit Step 10 from above assembly guide.





HORIZONTAL SLAT BALUSTRADE

Why choose horizontal slat balustrade?

AIRE Horizontal Slat Balustrade is a complete non-weld system which perfectly typifies the saying 'simplicity is the ultimate form of sophistication'. With sleek lines and innovative design consideration ensuring screw fixings are hidden, the system is easy to install and yet provides for a stunning finish.

The system is stocked in 3 popular powder coat finishes – satin black, monument matt and pearl white glass. It is also available in mill finish allowing customisation of powder coat colour. Pre-powder coated material can be cut to required lengths and assembled onsite. The installation process is simple and effective – side frames are affixed to the sturdy aluminium posts and 65mm horizontal slats are screw fixed at 9mm spacings either side with a fixing cover hiding screws.

The system has been extensively load tested by accredited NATA testing facilities to protect a fall of 4 metres or less (see page 64). Importantly, engineering compliance certification is available.

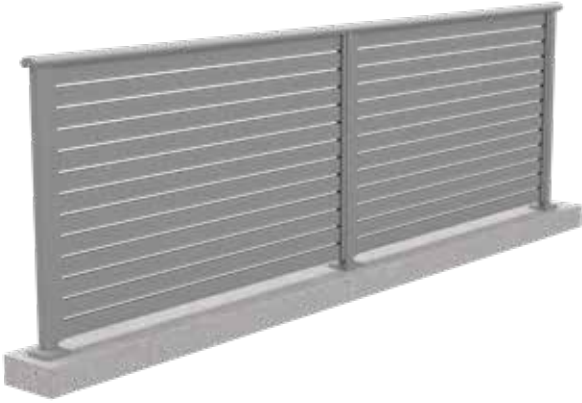
Certification

Certificate of Compliance to load test requirements of AS/NZS 1170.0, AS/NZS 1170.1 and NCC2019. Contact us for engineering information.



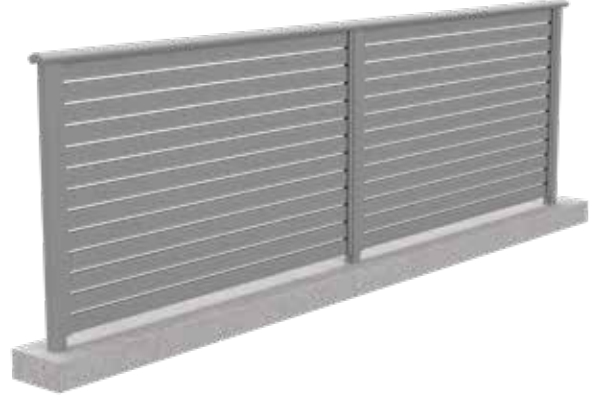


STYLES OF HORIZONTAL SLAT BALUSTRADE



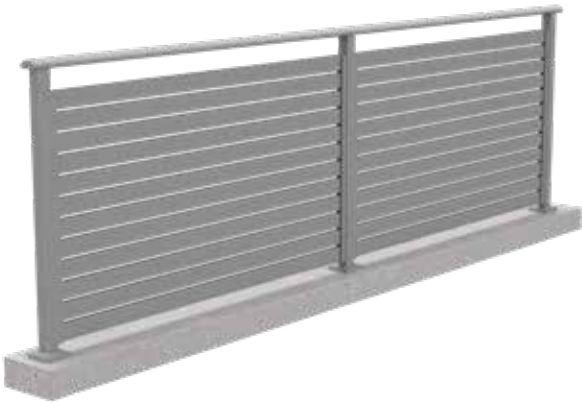
01 Horizontal Slat Balustrade

Horizontal 65mm slat balustrade with 9mm spacing with welded on base plated posts



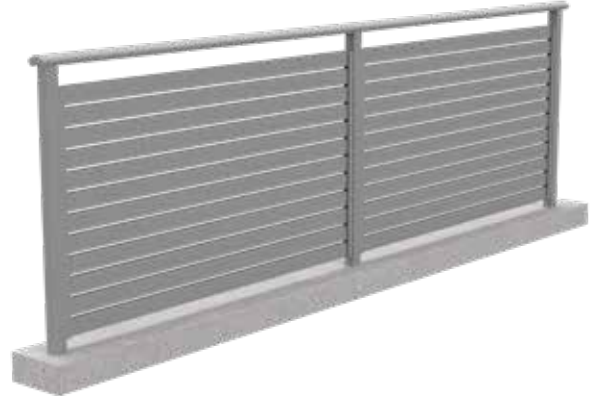
02 Horizontal Slat Balustrade

Horizontal 65mm slat balustrade with 9mm spacing with core drill posts



03 Horizontal Slat Balustrade

Horizontal 65mm slat balustrade with 9mm spacing with visibility gap and welded on base plated posts



04 Horizontal Slat Balustrade

Horizontal 65mm slat balustrade with 9mm spacing with visibility gap and core drill posts



FINISHES

Our colour range

AIRE horizontal slat balustrade is stocked in 3 popular balustrade powder coat finishes: Satin Black, Monument Matt and Pearl White Gloss. Mill finish is also available enabling customisation to any desired powder coat finish.

Satin black and monument matt continue to be the consistent colour palate for balustrade and seamlessly integrate into a variety of backgrounds. Pearl White is a growing trend in balustrade with the proliferation of Hamptons inspired design.

Genuine Interpon powder is used with Interpon D1000 manufacturer warranties provided.

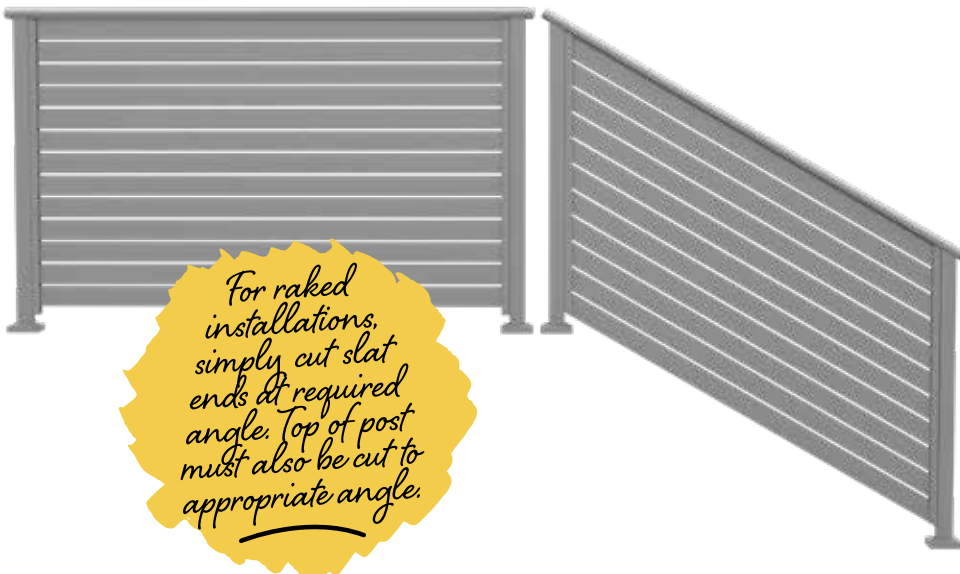
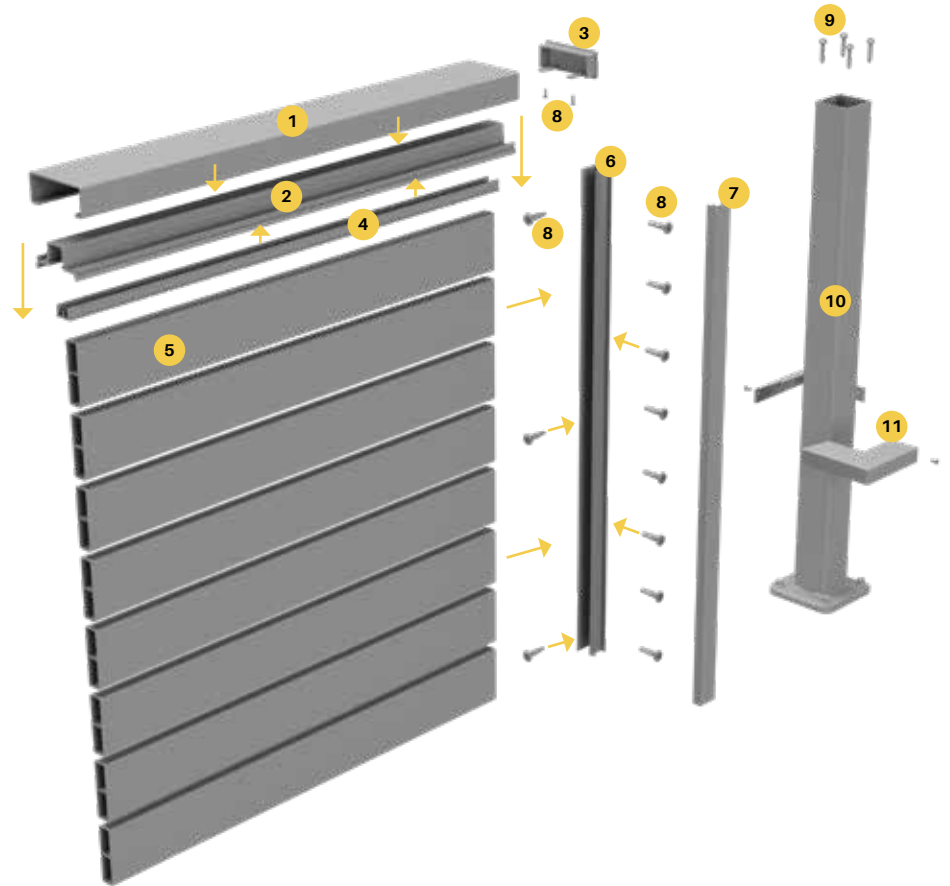
AIRE horizontal slat balustrade extrusions are produced to the chemical composition, mechanical property and dimensional tolerances in AS-NZS 1866:1997



19%
visibility with
9mm slat
spacing

HORIZONTAL SLAT BALUSTRADE

- 1 75x30mm top rail**
(available oval or rectangle profile)
- 2 Undercapping rail**
- 3 75x30mm end cap**
(available to suit oval or rectangle profile)
- 4 Snap in infill**
(into undercapping void for neat finish)
- 5 65x16.5mm horizontal slat balusters**
- 6 25x26mm Side frame** (fixes to post)
- 7 25x11 mm Fixing cover**
- 8 10g x 16mm wafer SS304 screws**
(various applications)
- 9 12g x 25mm screws**
(for fixing undercapping rail to posts)
- 10 50x50x3.2mm aluminium post**
(core drill or with welded base plate)
- 11 2 part domical cover**
(** if using base plated posts; use a dress ring if core drill post)



For raked installations, simply cut slat ends at required angle. Top of post must also be cut to appropriate angle.



HORIZONTAL SLAT BALUSTRADE

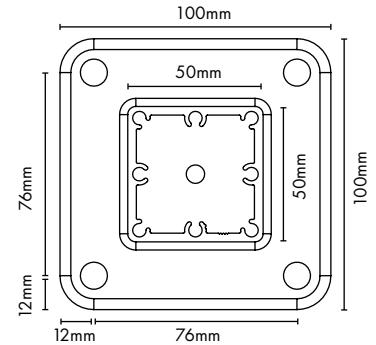
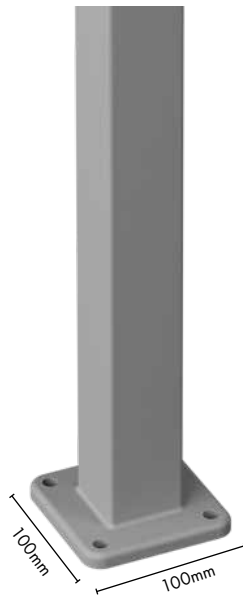
Full post with base plate (welded)

1050mm H

**Satin Black, Monument Matt,
Pearl White Gloss or Mill finish**

Order Code: AR-1050-FPBP-B (Black)
AR-1050-FPBP-MN (Monument)
AR-1050-FPBP-W (White)
AR-1050-FPBP-M (Mill)

- Sturdy base plated post at 1050mm high overall
- Simply cut top of post to reduce height if needed
- Made from Alloy 6106 T6: premium & rigid alloy
- 3.2mm wall thickness post: 50x50mm profile
- 100x100mm base plate 10mm thick welded on;
- 4 x 11mm diameter fixing holes
- Screw flutes in extrusion allow non-weld affixing of top rail



FINISHES



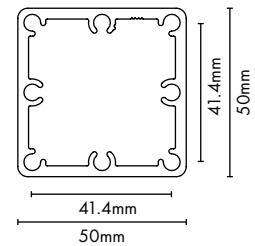
5800mm long – Full post

50x50x3.2mm

**Satin Black, Monument Matt,
Pearl White Gloss or Mill finish**

Order Code: AR-5800-FP-B (Black)
AR-5800-FP-MN (Monument)
AR-5800-FP-W (White)
AR-5800-FP-M (Mill)

- 5800mm long post: suits core drill installation
Cut to required lengths
- Made from Alloy 6106 T6: premium & rigid alloy
- 3.2mm wall thickness post: 50x50mm profile
- Screw flutes in extrusion allow non-weld affixing of top rail



lxx = 214.10 x 10E3 mmE4
lyy = 214.28 x 10E3 mmE4

FINISHES



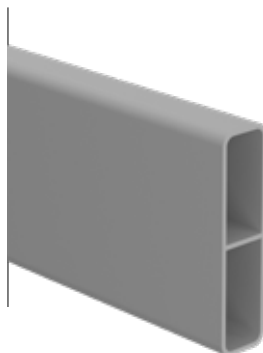
65 x 16.5mm baluster with centre web

6100mm long

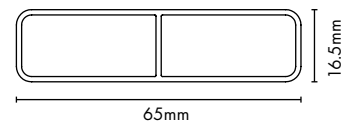
**Satin Black, Monument Matt,
Pearl White Gloss or Mill finish**

Order Code: XP-6100-S65-B (Black)
XP-6100-S65-MN (Monument)
XP-6100-S65-W (White)
XP-6100-S65-M (Mill)

- 6100mm long slat/baluster
Simply cut to required lengths
- Made from Alloy 6060 T6
- 1.2mm wall thickness baluster: 65x16.5mm profile
- Features centre web in extrusion profile for added strength



**CENTRE WEB
ADDS STRENGTH &
RIGIDITY TO SLAT**



lxx = 9.60 x 10E3 mmE4
lyy = 83.09 x 10E3 mmE4

FINISHES



Note: As an alternative for slat infill, Alumawood Kwila & Western Red Cedar are available. Alumawood slats are 5800mm long. For post/sideframe/handrail, use Monument or Black.





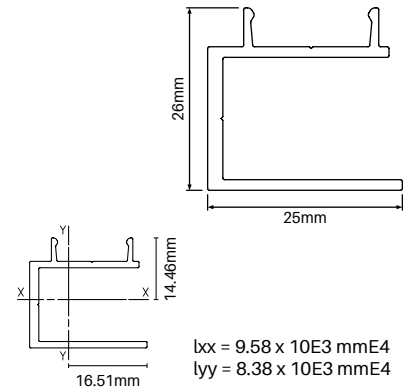
HORIZONTAL SLAT BALUSTRADE

Side frame

5800MM LONG

Order Code: **QS-5800-SF-B (Black)**
QS-5800-SF-MN (Monument)
QS-5800-SF-W (White)
QS-5800-SF-M (Mill)

- Alloy 6063-T6 / 5800mm long
- Slats fit neatly into side frame and are screw fixed
- Affix side frame directly to post
- Simply cut to required lengths
- Screw fixings are hidden when panel is assembled



FINISHES



Concealed fixing cover

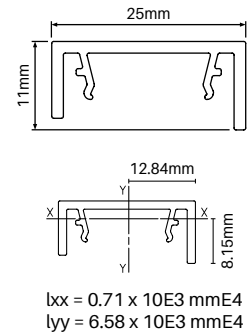
5800MM LONG

Order Code: **QS-5800-CFC-B (Black)**
QS-5800-CFC-MN (Monument)
QS-5800-CFC-W (White)
QS-5800-CFC-M (Mill)

- Alloy 6060-T5 / 5800mm long
- Snap-on cover for side frame
- Simply cut to required lengths
- Hides screws used to affix horizontal slats to side frame



MATES WITH QS-5800-SF



FINISHES

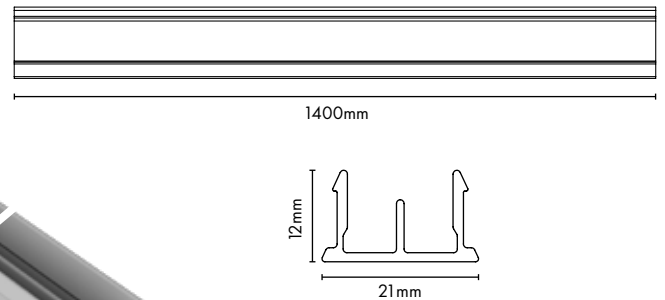
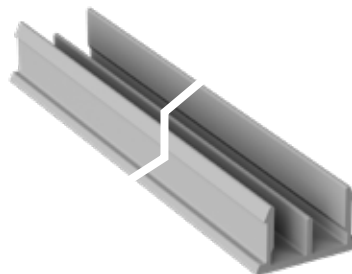


1400mm long aluminium infill / spacer

**Satin Black, Monument Matt,
 Pearl White Gloss or Mill finish**

Order Code: **A50-1400-INF-B (Black)**
A50-1400-INF-MN (Monument)
A50-1400-INF-W (White)
A50-1400-INF-M (Mill)

- Snap into undercapping rail to fill void space in underside of undercapping rail
 - Simply cut to required lengths
- TIP: infill is 1400mm wide so if opening size is wider than 1400mm, then 2 x infills will be required. Use a full length plus a shorter length or for a neater finish, cut each such that the join of infill is at midpoint of undercapping.



FINISHES





HORIZONTAL SLAT BALUSTRADE

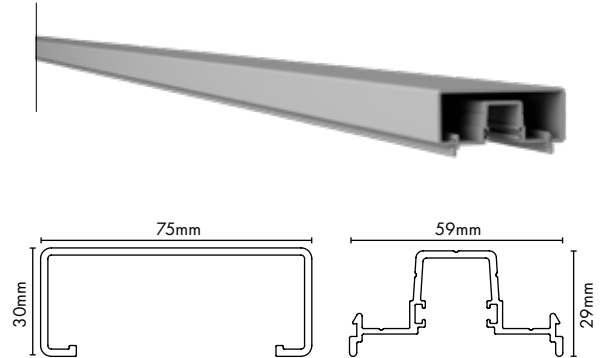
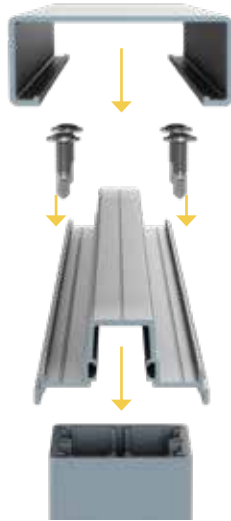
5800mm rectangular handrail

WITH CHANNEL INSERT

**Satin Black, Monument Matt,
Pearl White Gloss or Mill finish**

Order Code: A50-5800-RHR-B (Black)
A50-5800-RHR-MN (Monument)
A50-5800-RHR-W (White)
A50-5800-RHR-M (Mill)

- 5800mm long 75x30mm rectangular profile
- Made from Alloy 6063 T6
- 2 part railing: (1) undercapping rail is screwed to top of post & (2) rectangular handrail is then snapped onto undercapping rail
- Easy to install



FINISHES



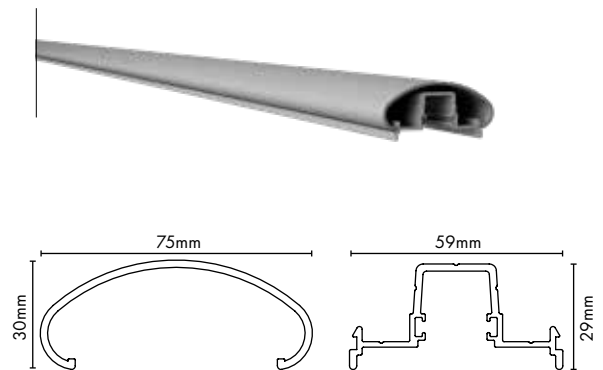
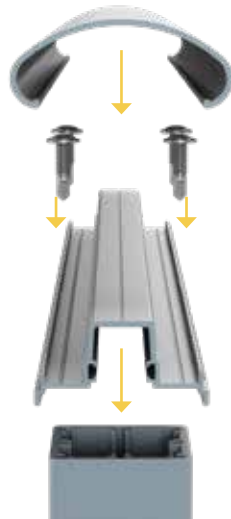
Oval handrail

WITH CHANNEL INSERT

**Satin Black, Monument Matt,
Pearl White Gloss or Mill finish**

Order Code: A50-5800-OHR-B (Black)
A50-5800-OHR-MN (Monument)
A50-5800-OHR-W (White)
A50-5800-OHR-M (Mill)

- 5800mm long 75x30mm oval profile
- Made from Alloy 6063 T6
- 2 part railing: (1) undercapping rail is screwed to top of post & (2) oval handrail is then snapped onto undercapping rail
- Easy to install



FINISHES





HORIZONTAL SLAT BALUSTRADE

Rectangular end cap

ALUMINIUM

Suits 75x30mm rectangular handrail

Satin Black, Monument Matt, Pearl White Gloss or Mill finish

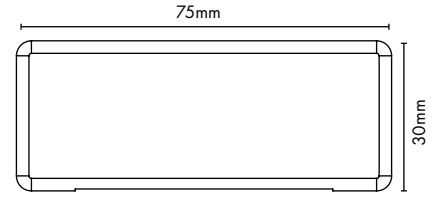
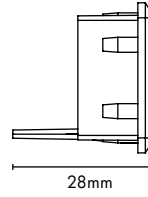
Order Code: **A50-ECA-R-B (Black)**

A50-ECA-R-MN (Monument)

A50-ECA-R-W (White)

A50-ECA-R-M (Mill)

- End cap made from aluminium die cast
- Suits 75x30mm rectangular handrail
- Features protruding fins at bottom so end cap may be mechanically fixed to undercapping rail



FINISHES



Offset bracket

ALUMINIUM

2 PACK (1 LEFT & 1 RIGHT BRACKET)

Suits 75x30mm rectangular handrail

Satin Black, Monument Matt, Pearl White Gloss or Mill finish

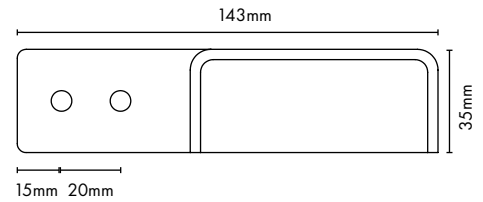
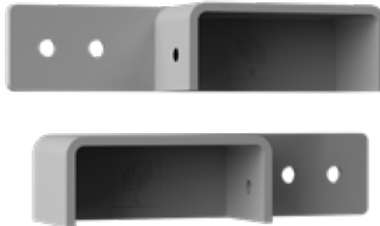
Order Code: **A50-BRACKET-R-B-2PK (Black)**

A50-BRACKET-R-MN-2PK (Monument)

A50-BRACKET-R-W-2PK (White)

A50-BRACKET-R-M-2PK (Mill)

- Offset bracket made from aluminium die cast
- Suits 75x30mm rectangular handrail
- Caps over top of handrail and features offset leg for fixing to wall/post
- Mechanically fix bracket to handrail by screwing through side of bracket into handrail
- 2 x 7mm diameter holes for fixing to post/wall
- Sold as a 2 pack - 1 x left and 1 x right bracket



FINISHES





HORIZONTAL SLAT BALUSTRADE

Oval end cap

ALUMINIUM

Suits oval handrail

**Satin Black, Monument Matt,
Pearl White Gloss or Mill finish**

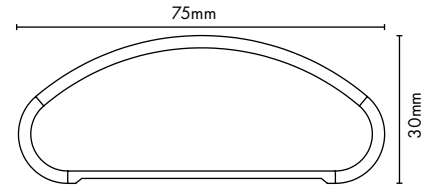
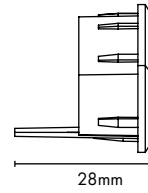
Order Code: **A50-ECA-O-B (Black)**

A50-ECA-O-MN (Monument)

A50-ECA-O-W (White)

A50-ECA-O-M (Mill)

- End cap made from aluminium die cast
- Suits 75x30mm oval handrail
- Features protruding fins at bottom so end cap may be mechanically fixed to undercapping rail



FINISHES



Offset bracket

ALUMINIUM

2 PACK (1 LEFT & 1 RIGHT BRACKET)

Suits oval handrail

**Satin Black, Monument Matt,
Pearl White Gloss or Mill finish**

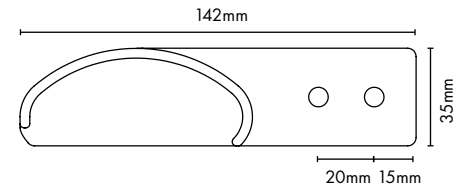
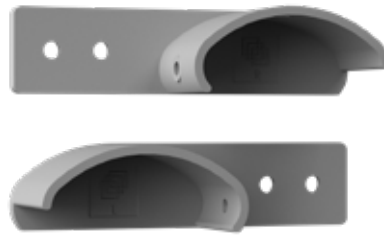
Order Code: **A50-BRACKET-O-B-2PK (Black)**

A50-BRACKET-O-MN-2PK (Monument)

A50-BRACKET-O-W-2PK (White)

A50-BRACKET-O-M-2PK (Mill)

- Offset bracket made from aluminium die cast
- Suits 75x30mm oval handrail
- Caps over top of handrail and features offset leg for fixing to wall/post
- Mechanically fix bracket to handrail by screwing through side of bracket into handrail
- 2 x 7mm diameter fixing holes to post/wall
- Sold as a 2 pack - 1 x left and 1 x right bracket

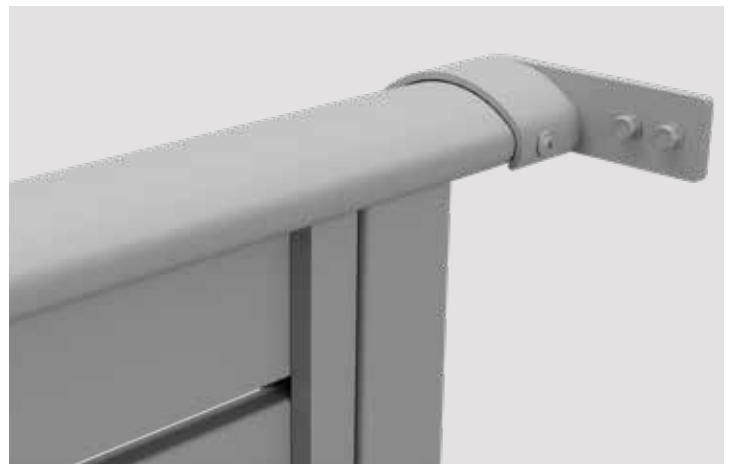


FINISHES



STEP 1

Offset bracket caps over installed handrail.



STEP 2

Screw fix offset bracket to (1) handrail and (2) post/wall.



HORIZONTAL SLAT BALUSTRADE

Wall Plate

ALUMINIUM

Suits oval & rectangular handrail

Satin Black, Monument, Pearl White or Mill finish

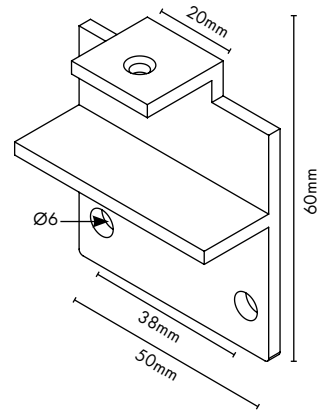
Order Code: A50-WP-B (Black)

A50-WP-MN (Monument)

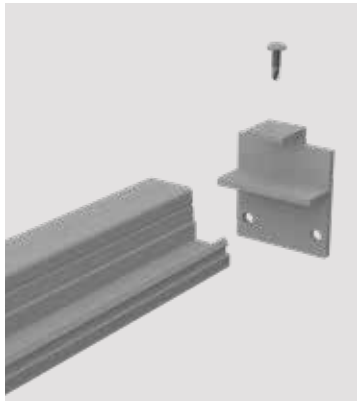
A50-WP-W (White)

A50-WP-M (Mill)

- Affixes internally to undercapping rail with only the bottom section visible – provides a slimline finish
- Affix to undercapping rail firstly and then affix to wall. Oval or rectangular handrail snaps over the undercapping rail with wall plate

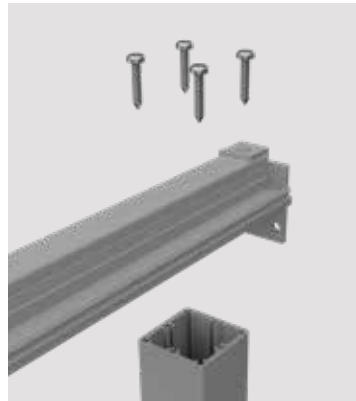


FINISHES



STEP 1

Insert wall plate onto undercapping rail and fix off through hole located on top of wall plate.



STEP 2

Screw fix undercapping rail to post via 4 x screw flutes in corners of posts. Ensure wall plate neatly fits against wall/post. Use 12x25mm panhead screw (refer stock code AR-SCR-BR)



STEP 3

Affix wall plate to wall/post using 2 x screws. Use suitable screws to fix having regard to structure.



STEP 4

Clip on oval or rectangular handrail onto undercapping rail. Wall plate is hidden except for bottom section.





HORIZONTAL SLAT BALUSTRADE

Two part domical cover

POWDER COATED ALUMINIUM

Black, Monument, White, Mill

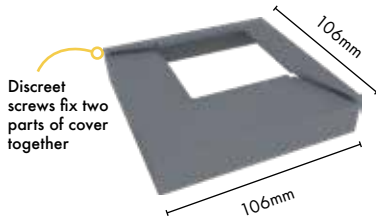
Order Code: XP-DC-2P-B (Black)

XP-DC-2P-M (Mill)

XP-DC-2P-MN (Monument)

XP-DC-2P-W (White)

- Suits 50x50mm post with 100x100mm base plate
- 106x106mm outer - 52x52mm inner - Alloy ADC12
- Cover can be fitted to posts after balustrade posts are installed



Post dress rings

POWDER COATED ALUMINIUM

Black, Monument, White, Mill

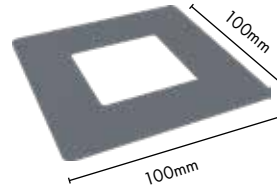
Order Code: XP-DR-B (Black)

XP-DR-M (Mill)

XP-DR-MN (Monument)

XP-DR-W (White)

- Suits 50x50mm core drill posts
- 100mm x 100mm outer - 52mm x 52mm inner



Driver bit

Order Code: DB-PH3

- Driver bit to suit Phillips #3 screw head.



Square head driver bit

Order Code: DB-SQ3.4

- Driver bit to suit 3.4mm square screw head hole
- Suits AR-SCR-BR-50PK screws



Touch Up Paint

150g SPRAY CAN

Black, monument or white finish

Order Code: PAINT-B (Black)

PAINT-MN (Monument)

PAINT-W (White)

- Colour match touch up paint



Screw & spacer kit

SCREWS & SPACER BLOCKS

Order Code: QS-KIT

- 10 x spacer blocks providing 9mm gap spacing
- Spacer blocks assist accurate spacing of horizontal slats at 9mm
- Once a row of slat is screwed fixed in position, spacer block may be removed and reused for setting up next level.
- Kit includes 50 x 10Gx18mm zinc screws: suggested not to use in installation. Instead, use stainless steel screws (refer screw fixing next page PP-SCREW)





HORIZONTAL SLAT BALUSTRADE

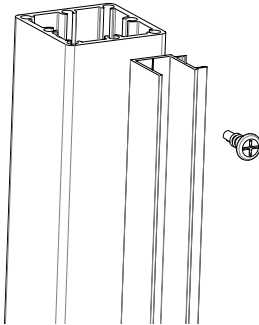
Self drilling wafer screws

10Gx16mm – BAG OF 50

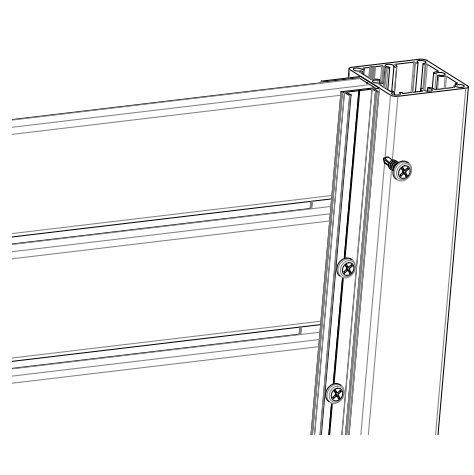
Satin black or Monument heads

Order Code: PP-SCREW-B/MN-50PK

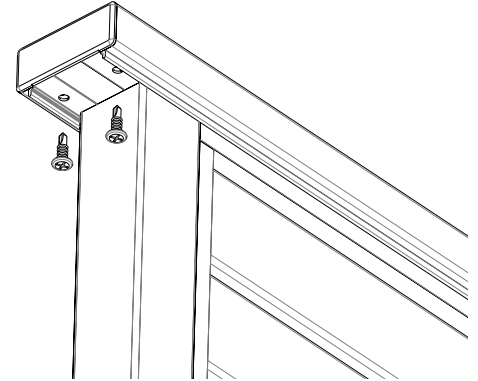
- Bags of 50 – 10G x 16mm self drilling wafer SS304 screw
- Powder coated heads for neat finish
- For installation in WHITE, screw fixings are hidden in below situations (1) and (2) so the stainless steel screws with black head can be used. For situation (3), source suitable white or silver headed 10Gx16mm screw (Glass Outlet can supply a suitable white headed zinc screw : refer stock code XP-SCREWS-W)
- Used for a variety of applications:



1) Fix side frame to AIRE aluminium post: fix off at top/middle/bottom



2) Fix off horizontal slats through side frame



3) Fix end cap to undercapping rail
(** refer text above if installing a white balustrade)

12g x 25mm panhead screw with square drive head

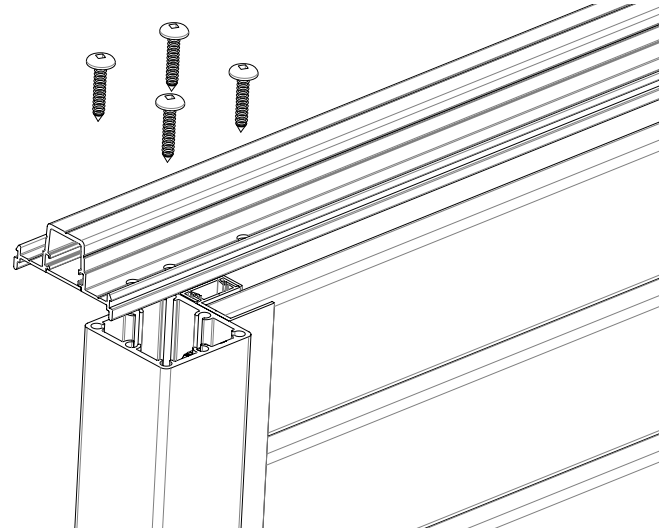
SS304HC

PACK OF 50

Mill

Order Code: AR-SCR-BR-50PK

- SS304 panhead screw 12gx25mm with square drive head
- Use for fixing of undercapping rail to top of post. Screws are hidden by snap on rectangular or oval rail.
- 4 x screws required per top of each post.



M10 Timber fixing kit

4 PACK – SS316

Order Code: S-110LAG-4PK

- M10 x 110mm timber lag screws x4 with nuts and washers
- Hex drive head in screw



M10 Concrete fixing kit

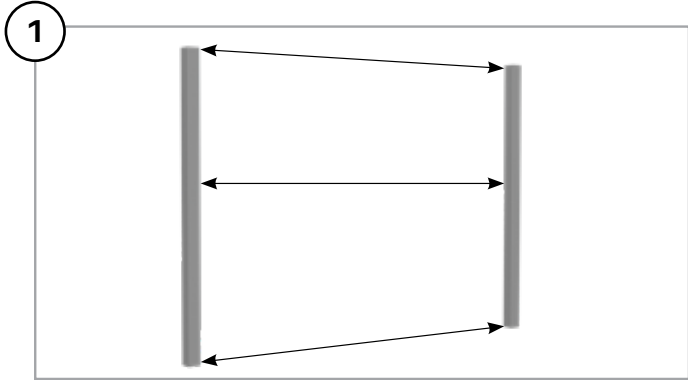
4 PACK – SS316

Order Code: S-120ROD-4PK

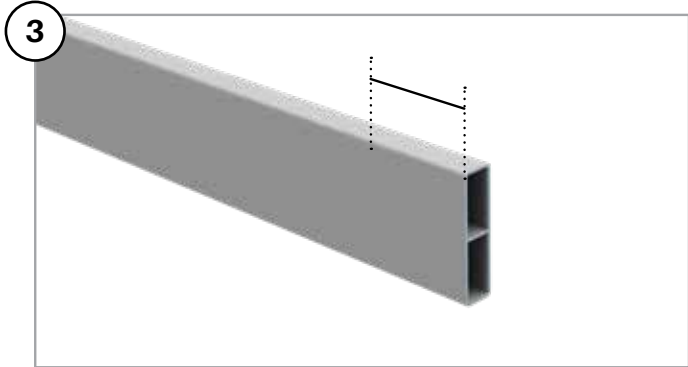
- M10 x 120mm concrete threaded rods x4 with nuts and washers
- Adhere into concrete with suitable chemical anchor



HORIZONTAL SLAT BALUSTRADE INSTALL



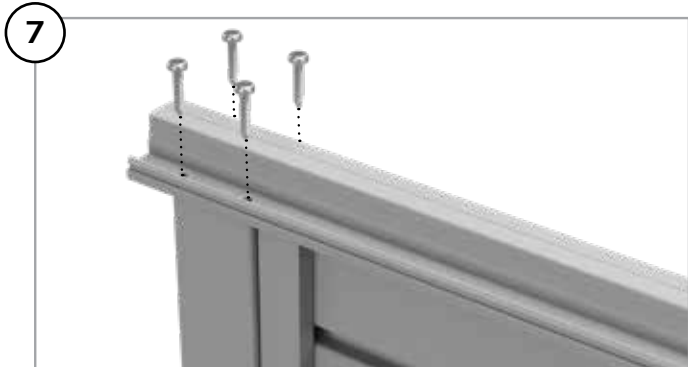
Take measurements between posts at 3 points: top, middle and bottom. Take note of smallest measurement.



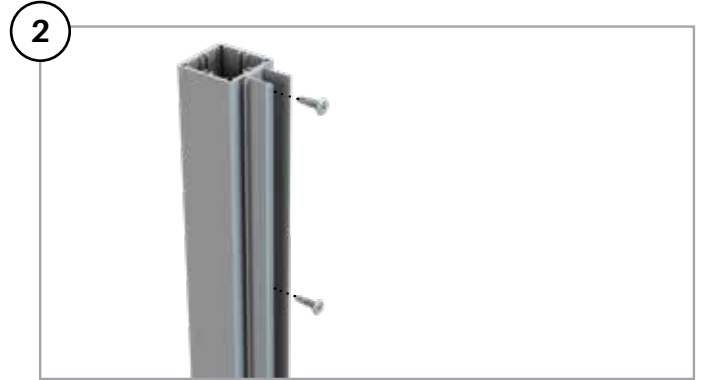
Cut aluminium slats 12mm less than total width of opening (refer to measurement in step 1). The 12mm deduction takes into account thickness of side frame on both sides of the screen and screw fixing head.



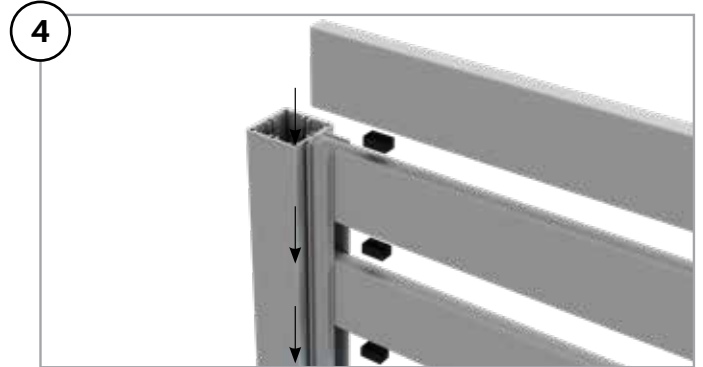
Screw off each slat as it is dropped in (ensuring each slat is level) If spacer blocks used, remove after each level is installed.



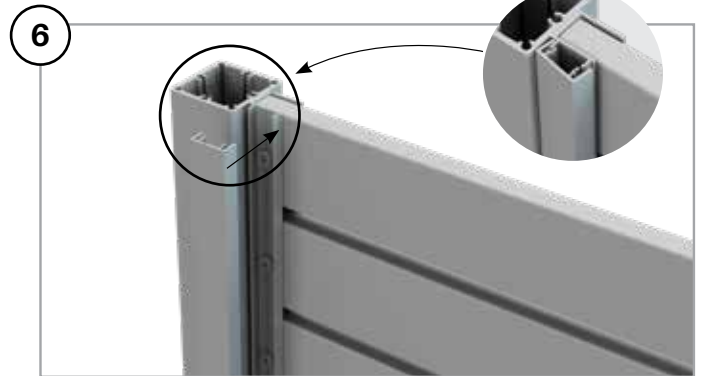
Cut uncapping rail to required length (having regard that capping rail may span across multiple posts). Drill and screw undercapping rail to post via screw flutes located in post. TIP: snap in aluminium infill into void on underside of undercapping rail before screwing fixing to posts



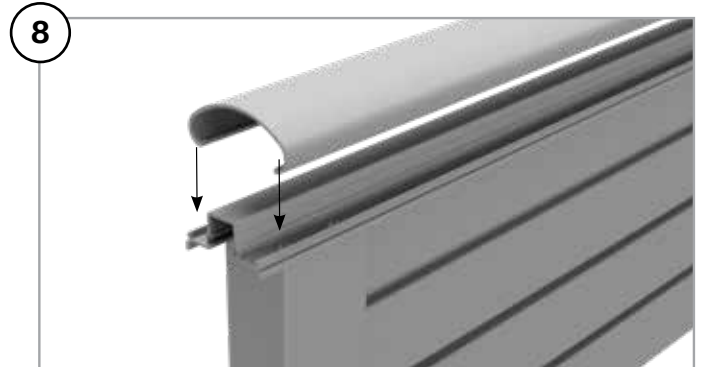
Cut side frames to desired height. Affix side frames to post with screws at top/middle/bottom.



Drop in aluminium slats. TIP: Ensure bottom slat is level and screw off at both sides. Optional spacer blocks can be inserted to achieve a 9mm slat gap.



Cut fixing cover to appropriate height and snap onto side frame to hide screws. TIP: Use a padded timber block & mallet/hammer to gently tap on cover if needed, ensuring the longer leg is at the open side of the side frame.



Cut handrail to required length (which may span across multiple posts) and snap onto undercapping rail. Finish ends with end cap or wall plate as required.



FABRICATION OVERVIEW

TYPICAL CONFIGURATION

- 13 x horizontal baluster
65x16.5mm slats
- 9mm spacing between slats
(including 9mm spacing
above final slat to underside of
undercapping rail)
- 88mm bottom gap from finish
floor level (FFL) to first slat

INSTALL TIP

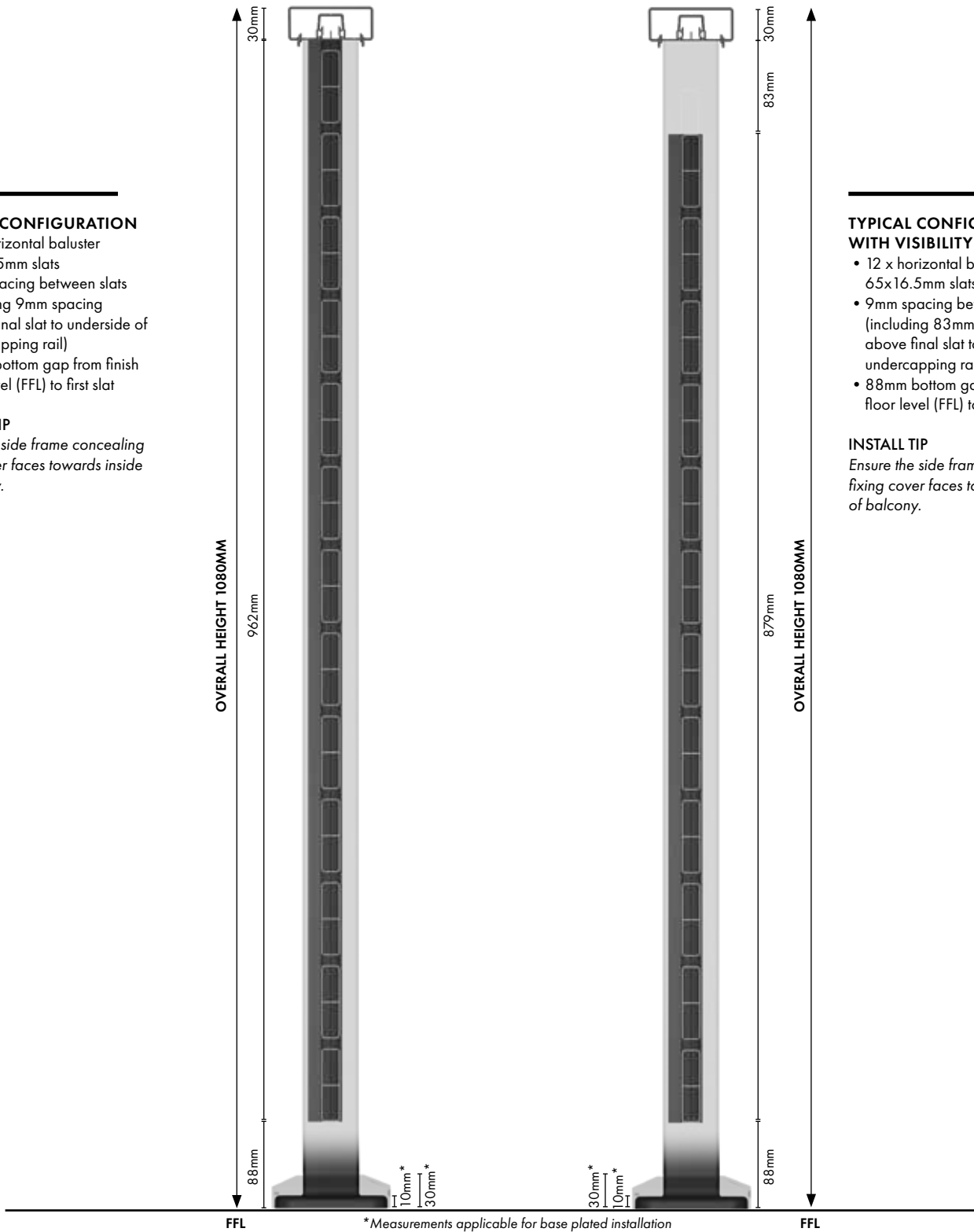
Ensure the side frame concealing
fixing cover faces towards inside
of balcony.

TYPICAL CONFIGURATION WITH VISIBILITY GAP

- 12 x horizontal baluster
65x16.5mm slats
- 9mm spacing between slats
(including 83mm spacing
above final slat to underside of
undercapping rail)
- 88mm bottom gap from finish
floor level (FFL) to first slat

INSTALL TIP

Ensure the side frame concealing
fixing cover faces towards inside
of balcony.



IMPORTANT NOTES:

- Glass Outlet has tested horizontal slat balustrade with 9mm slat spacing with maximum 'daylight opening' span between posts of 1750mm. Engineering compliance certification reflects this configuration. Contact us for documentation. For different slat spacing or wider spans, independent engineering must be obtained.
- As the balustrade includes horizontal members/slats, ensure installation is compliant with relevant Australian Standards and National Construction Code (NCC) relating to potential climbing. For example, NCC clause 3.9.2.3 (e) contemplates horizontal members not to be used where there is a fall of 4 meters or greater (information valid as of August 2022: ensure any updates to Standards or NCC are adhered to).



NOTE – Select finish code:
(EG AR-1050-FPBP-B for black)

ORDER CODES

Order Code	Description	Colours
AR-1050-FPBP-B/M/MN/W	1050mm high – 50x50mm post with welded on 100x100mm base plate	
AR-5800-FP-B/M/MN/W	5800mm long – 50x50mmx3.2mm full post	
XP-6100-S65-B/M/MN/W	6100mm long – 65 x 16.5mm slat baluster (with centre web)	
AW-5800-S65-KWI/WRC	5800mm long – 65 x 16.5mm slat baluster (with centre web) – timber image finish	
QS-5800-SF-B/M/MN/W	5800mm long – 25x26mm Quickscreen side frame	
QS-5800-CFC-B/M/MN/W	5800mm long – 25x11mm Quickscreen concealed fixing cover	
A50-5800-RHR-B/M/MN/W	5800mm long rectangular handrail with undercapping rail	
A50-5800-OHR-B/M/MN/W	5800mm long oval handrail with undercapping rail	
A50-1400-INF-B/M/MN/W	1400mm long aluminium infill	
A50-ECA-R-B/M/MN/W	75 x 30mm rectangular end cap	
A50-BRACKET-R-B/M/MN/W-2PK	143 x 35mm rectangular handrail offset bracket	
A50-ECA-O-B/M/MN/W	75 x 30mm oval end cap	
A50-BRACKET-O-B/M/MN/W-2PK	142 x 35mm oval handrail offset bracket	
A50-WP-B/M/MN/W	Wall plate (attaches to undercapping rail)	
XP-DC-2P-B/M/MN/W	106 x 106mm two part domical cover	
XP-DR-B/M/MN/W	100 x 100mm dress ring	
PP-SCREW-B/MN	10g x 16mm SS304 self drilling wafer screw – 50 pack	
XP-SCREW-W	10g x 16mm zinc self drilling wafer screw – 100 pack	
AR-SCR-BR-50PK	12g x 25mm SS304 panhead screw with square drive head – 50 pack	
S-110LAG-4PK	M10 x 110mm SS316 long timber lag screw – 4 pack	
S-120ROD-4PK	M10 x 120mm thread rod with nuts/washers – 4 pack	
DB-PH3	Phillips #3 driver bit	
DB-SQ3.4	Square head driver bit	
PAINT-B/MN/W	Touch up paint	

BLACK
 MONUMENT
 WHITE
 MILL
 KWILA
 WESTERN RED CEDAR







Errors and omissions excepted. Measurements and drawings are provided as a guide only and should not be relied upon solely for installation purposes.

Product codes, products and prices may change at GO's discretion as systems are constantly reviewed and updated.

Due to each installation situation being different, it is the installer's responsibility to seek engineering compliance and/or certification should it be required as part of a project, regulatory or statutory requirement.

Colours are indicative and should be used as a guide only. All products should adhere to a suitable care and maintenance schedule.

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