Product Catalogue

- FRAMELESS GLASS FENCING & BALUSTRADE
- ALUMINIUM SLAT FENCING & BALUSTRADE
- AURORA FENCING & BALUSTRADE
- SOLID PANEL FENCING
- GATES
- OUTDOOR ENCLOSURES

V 5.0

Proudly NZ Owned & Operated

Est. 1974

BelAire® DESIGNER FENCING

Who we are

BelAire is a brand of Storetech Industries. Storetech Industries is a family owned business that has been operating since 1974.

Core Values

Internal

Passion - Integrity - Loyalty
Storetech Team Player

External

Greater Customer Experience - Trust
Loyalty - Effort - Excellence

Our Mission

To make sure New Zealanders can be confident that their outdoor equipment and personal environment is secure and protected by offering New Zealand's widest range of simple, modular fencing solutions while adhering to our core values.

Ben Carney - Owner/Director

Peter Carney - Owner/Director

BelAire®
DESIGNER FENCING

Contents

Frameless Glass Fencing and Balustrade P5 - P36

- Introduction
- Frameless Glass Pool Fencing Panels
- Frameless Glass Balustrade Panels
- Frameless Glass Gate & Hinge Panels
- Wind Zones
- Friction Spigot Range
- Friction Channel System
- Gate Hardware: Latches & Hinges
- Clamps & Handrails
- Glass Fencing Projects

Aluminium Fencing and Screen Systems P37 - P62

- Introduction
- Slat Fencing
- Modular bin and utility screens
- BelAire Enclosures
- Louvre Fencing
- Oblique Fencing
- Slat Fencing Projects

Aurora Panel Fencing P63 - P72

- Introduction
- Pool & Landscape Panels
- Slat Spacing
- Pool Panel Designs
- Landscape Panel Designs

Solid Panel Fencing P73 - P94

- Introduction
- Classic Solid Panel Fencing
- Signature Solid Panel Fencing
- Estate Solid Panel Fencing
- Solid Wall Capping Options
- Solid Panels
- Infill Panel Options
- Solid Panel Projects

Commercial Acoustic Barriers P95 - P106

- Introduction
- Acoustic Field Test Report
- Acoustic Barrier Posts & Panels
- Barriers up to 3.0m high
- Barriers 3.1m – 5.1m high
- Acoustic Barrier Projects

Steel Panel Fencing P107 - P110

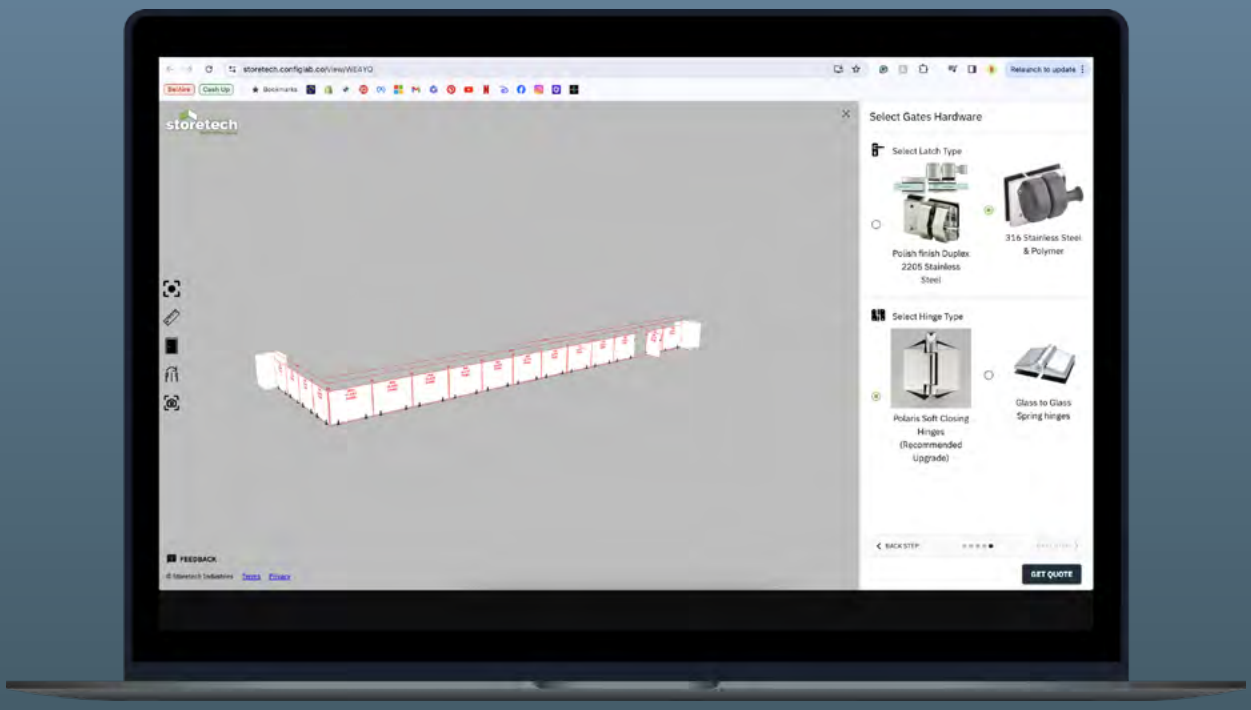
- Frontier Fencing
- Borderline Fencing

Gates P111 - P126

- Slat Gates
- Eco Slat Gate Kits
- Louvre Gates
- Solid Panel Gates
- Tubular Gates
- Sliding Gates
- Hinged Gates
- Pool Hinge & Latch Set

Scan to view all
BelAire fence drawings

Have you tried out our new 3D Glass Builder?



Now you can build your very own glass fencing right in front of your eyes, to the exact specification you need.

Scan the QR Code to start building today.

...make it your own!

AS/NZS2208
Grade A TF
ID 7777

Frameless Glass Fencing & Balustrade

CLEAR

BelAire frameless glass pool fencing and balustrade is invisibly superior – it's crystal clear without the green tint you get with inferior brands. Enjoy lounging by the pool or on the deck with nothing to interrupt your view. Relax behind a strong, effective wind barrier and take in all-day sunshine as BelAire glass casts no shadows!

SAFE

With uninterrupted views, you'll always be able to keep your eye on the kids as they play in the pool. With 12mm thick toughened safety glass and polished bevel edges, you'll know they'll also be safe and sound outside the fence. Our gates use a self-closing hinge with a side pull latch, so you'll know they'll never be left open by mistake.

VERSATILE

BelAire can be installed on a variety of surfaces, including tiled areas, pavers, timber decks, concrete and across landscaped areas – making it a truly versatile option for pools, water features, patios, decking, and natural environments. The modern architectural look can also be customised from our selection of elegant, corrosion-resistant mini posts, latches and hinges to match your property.

EASY

It's so simple to clean and maintain – with no frames to collect water and dust, with corrosion-resistant hardware throughout, it will remain sparkling with minimum effort.

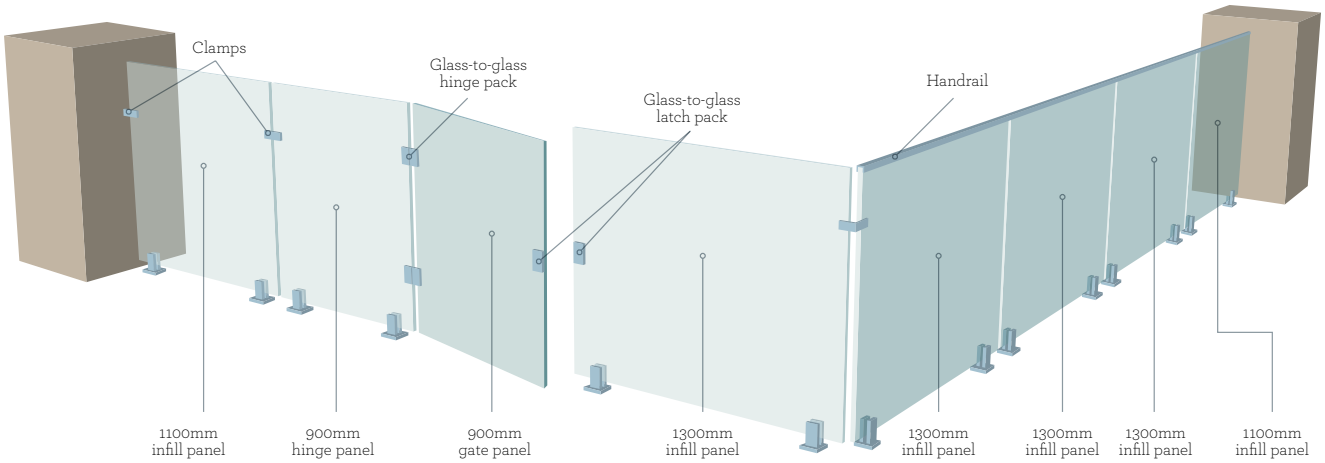
It's simple to install – most homeowners would find the system quick and easy to install using basic tools that they would have in their shed. If you'd rather get someone else to install it, we have a list of preferred installers throughout New Zealand. Call us on 0800 235 2473 and we will put you in touch with an installer in your area.

COMPLIANT

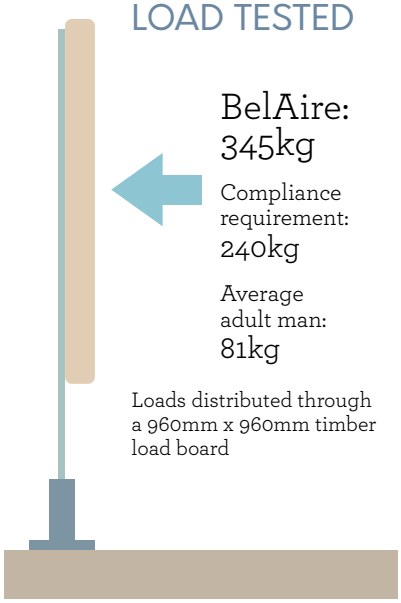
Our toughened safety glass comes with the PAS Mark AS/NZS2208 marking on every panel and is F4 and F9 Building Code compliant. Should you require a PS1 (or an Extra High Wind Zone PS1) to submit with your pool or building permit request, please email us at info@belairefencing.co.nz

You will require a handrail on your balustrade or pool fencing if there is a drop of more than 1m on one side. BelAire slimline handrails are manufactured from polished stainless steel to create a sophisticated finish that does not diminish the appearance of your glass fencing. They are also very strong and fully compliant to NZS4223:2016.

EXAMPLE CONFIGURATION



INDEPENDENTLY LOAD TESTED



BelAire: 345kg

Compliance requirement: 240kg

Average adult man: 81kg

Loads distributed through a 960mm x 960mm timber load board

GENERAL FEATURES

- 12mm toughened safety glass
- New Zealand standards compliant
- 10 year warranty
- DIY instructions included

Compliant with:

F4 and **F9** Building Code compliant.

AS/NZS2208: 1996
New Zealand standards for safety glass manufacturing

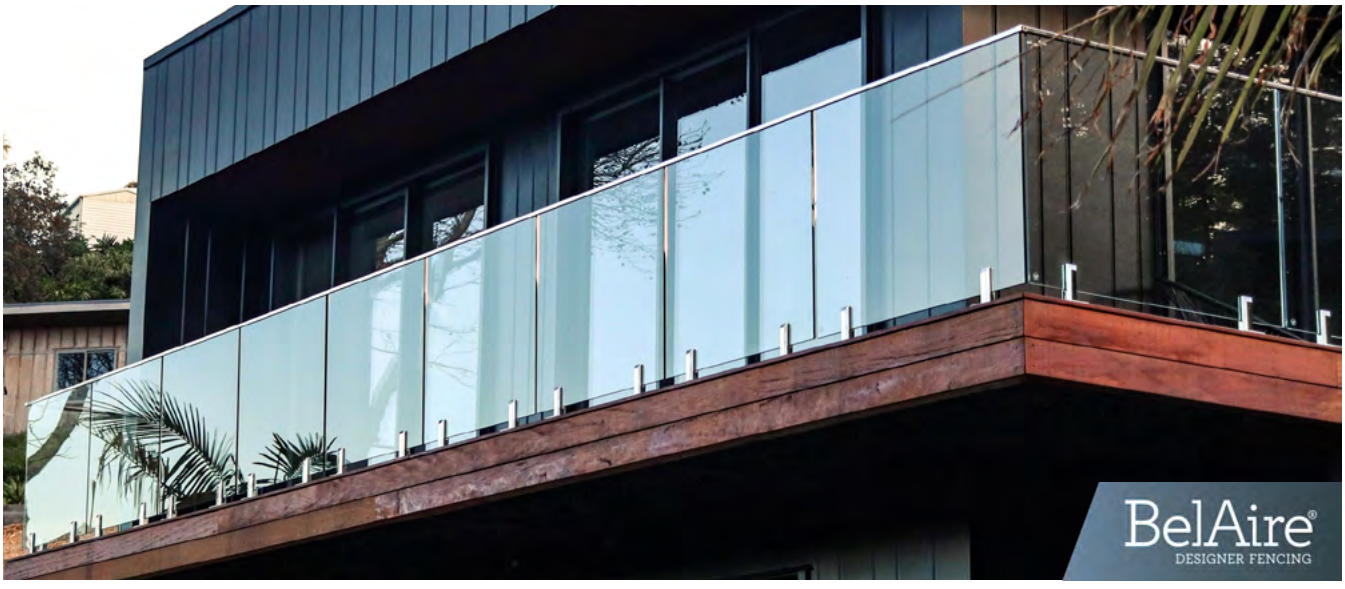
NZS 8500
Safety barriers and fences around swimming pools, spas and hot tubs

NZS 4223.3:2016
Approved Balustrade Handrail

SOFT, NOT SLAMMED

Even though BelAire gates are made from toughened safety glass, a slammed glass gate will always put you on edge. Relax. Upgrade to glass-to-glass or glass-to-wall **Polaris soft-closing hinges,** and you'll never hear the bang of a slammed gate again!

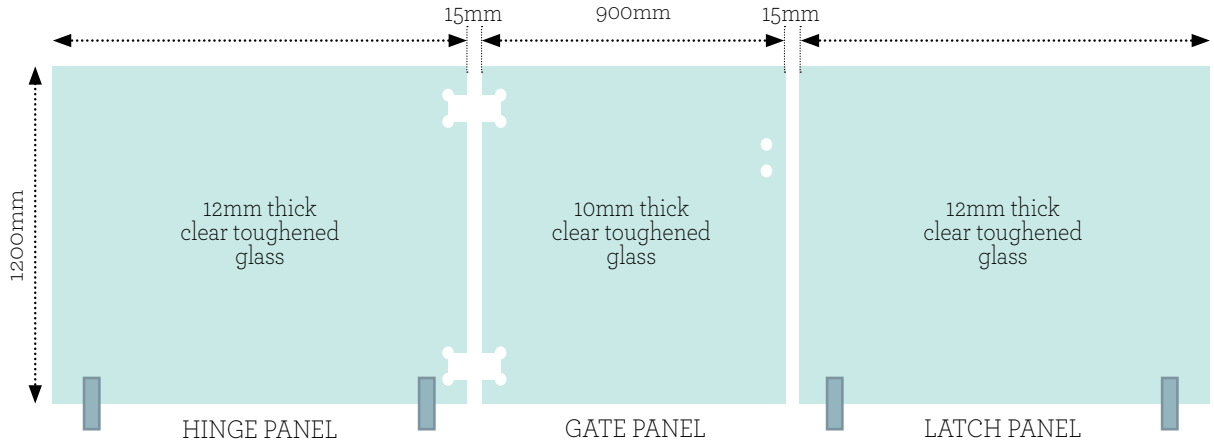
Choose to upgrade to Polaris soft-closing hinges when you order online, or just talk with one of our friendly sales representatives.



FRAMELESS GATE LAYOUTS

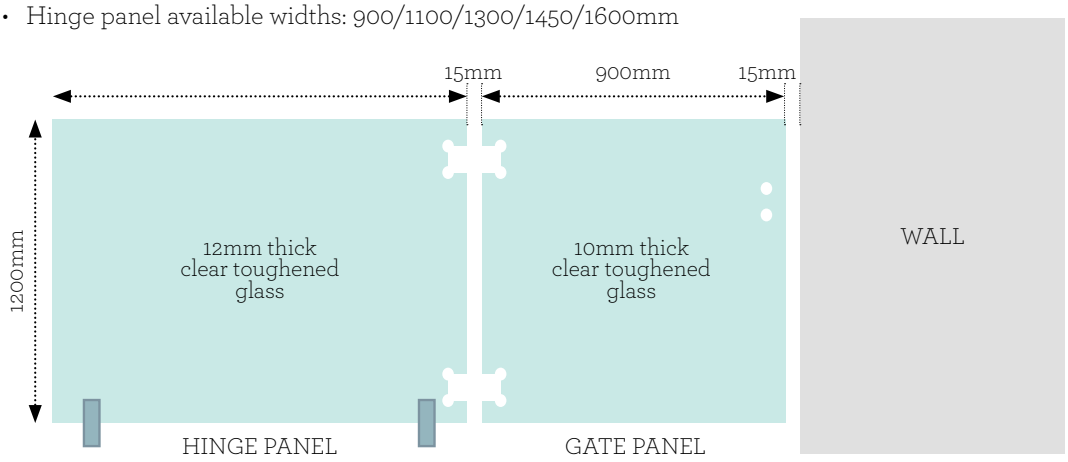
GLASS-TO-GLASS HINGES & GLASS-TO-GLASS LATCH

- Hinge panel available widths: 900/1100/1300/1450/1600mm
- Use a friction latch. Any size panel can be used as a latch panel



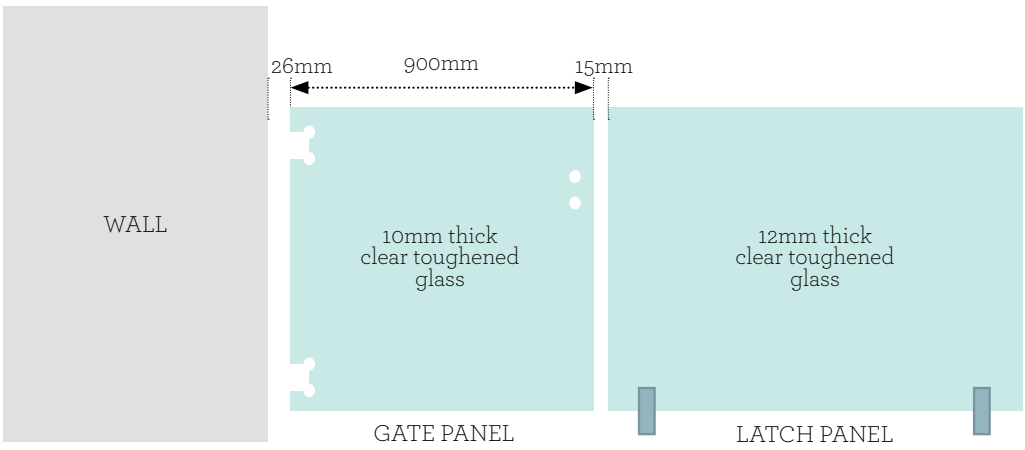
GLASS-TO-GLASS HINGES & WALL/POST GATE LATCH

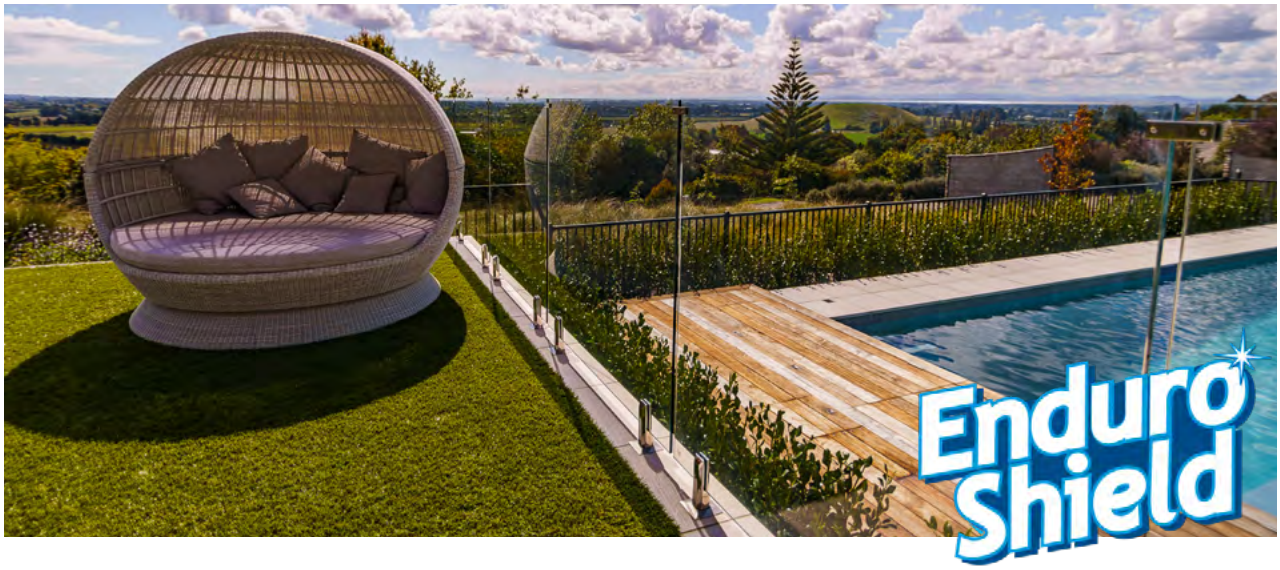
- Hinge panel available widths: 900/1100/1300/1450/1600mm



WALL/SQUARE POST GLASS HINGES & GLASS-TO-GLASS LATCH

- Use a friction latch. Any size panel can be used as a latch panel





The World's Leading Glass Treatment

ULTIMATE PROTECTION
Optically clear, UV stable, chemical resistant, water and oil repellent.

LOW SERVICING COSTS
EnduroShield keeps glass visibly clearer for longer and reduces the time to clean the glass by 90%.

HIGHLY DURABLE
Permanently bonds to the glass and comes with a true 10 year performance warranty*

SUITS ALL GLASS RANGES
From balustrading to pool fencing, high rise and domestic glazing, shower screens and insulated glass units, EnduroShield is the smart choice for glass.

Silicone Based coating

Competitor products fill in hills & valleys of the glass.

EnduroShield Coating

EnduroShield follows hills & valleys of the glass.

Silicone based seals sit on top of the glass surface and can quickly wear off, leaving the surface unprotected. EnduroShield follows the hills and valleys of the glass, forming a strong, permanent* bond that does not flake or peel.

TESTING AND CERTIFICATION

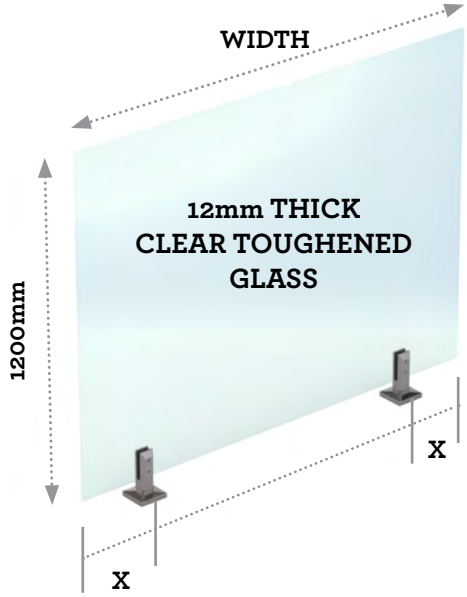
*EnduroShield's performance has been independently tested by one of the leading global testing and certification houses, TÜV Rhineland in Germany for durability, easy-clean functionality, safety and quality. Testing was carried out to simulate a lifetime of 10 years on glass for both interior and exterior use, and EnduroShield passed all tests.

www.tuv.com TÜVRheinland ID:0000033462

- **Easy to clean**
- **Durability tested**

*Contact us for warranty info and terms and conditions.

FRAMELESS GLASS FENCING PANELS

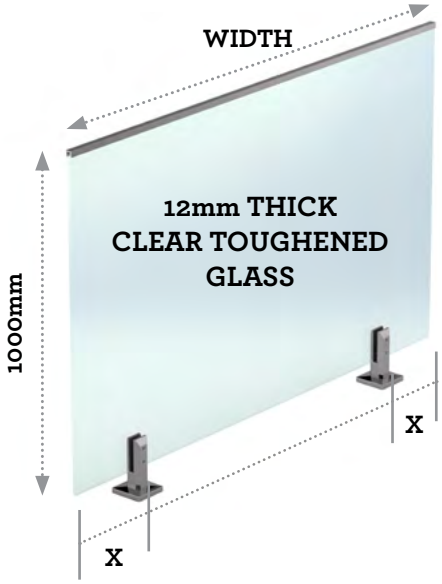


When ordering EnduroShield-coated glass, replace the SCE prefix with **SES**

Order Code	Width	Height	Distance from Edge to Spigot (X)	Thickness	Sqm	Glass Weight KGS	Corner Radius
SCE0312PP	300mm	1200mm	75mm	12mm	0.36	11kg	2mm
SCE0412PP	400mm	1200mm	75mm	12mm	0.48	14kg	2mm
SCE0512PP	500mm	1200mm	100mm	12mm	0.60	18kg	2mm
SCE0612PP	600mm	1200mm	100mm	12mm	0.72	22kg	2mm
SCE0712PP	700mm	1200mm	100mm	12mm	0.84	25kg	2mm
SCE0812PP	800mm	1200mm	150mm	12mm	0.96	29kg	2mm
SCE08512PP	850mm	1200mm	150mm	12mm	1.02	30.6kg	2mm
SCE0912PP	900mm	1200mm	150mm	12mm	1.08	32kg	2mm
SCE09512PP	950mm	1200mm	150mm	12mm	1.14	34.2kg	2mm
SCE1012PP	1000mm	1200mm	150mm	12mm	1.20	36kg	2mm
SCE10512PP	1050mm	1200mm	150mm	12mm	1.26	37kg	2mm
SCE1112PP	1100mm	1200mm	150mm	12mm	1.32	38kg	2mm
SCE11512PP	1150mm	1200mm	150mm	12mm	1.38	41kg	2mm
SCE1212PP	1200mm	1200mm	150mm	12mm	1.44	43kg	2mm
SCE12512PP	1250mm	1200mm	200mm	12mm	1.50	45kg	2mm
SCE1312PP	1300mm	1200mm	200mm	12mm	1.56	47kg	2mm
SCE13512PP	1350mm	1200mm	200mm	12mm	1.62	49kg	2mm
SCE1412PP	1400mm	1200mm	250mm	12mm	1.68	50kg	2mm
SCE14512PP	1450mm	1200mm	250mm	12mm	1.74	53kg	2mm
SCE1512PP	1500mm	1200mm	250mm	12mm	1.80	54kg	2mm
SCE15512PP	1550mm	1200mm	250mm	12mm	1.86	56kg	2mm
SCE1612PP	1600mm	1200mm	250mm	12mm	1.92	58kg	2mm
*SCE12175PP	1200mm	1750mm	250mm	12mm	2.10	63kg	2mm

* This panel is specificlly for when a pool fence meets a boundary fence (PS1 available)

FRAMELESS GLASS BALUSTRADE PANELS



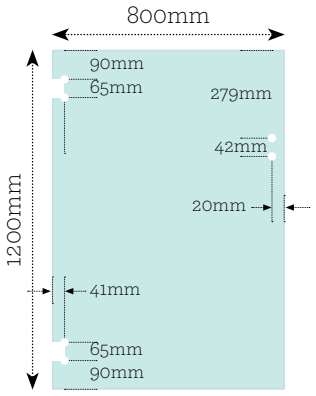
When ordering EnduroShield-coated glass, replace the SCE prefix with **SES**

Order Code	Width	Height	Distance from Edge to Spigot (X)	Thickness	Sqm	Glass Weight KGS	Corner Radius
SCE0610BP	600mm	1000mm	100mm	12mm	0.60	18kg	2mm
SCE0710BP	700mm	1000mm	100mm	12mm	0.70	21kg	2mm
SCE0810BP	800mm	1000mm	150mm	12mm	0.80	24kg	2mm
SCE08510BP	850mm	1000mm	150mm	12mm	0.85	25.5kg	2mm
SCE0910BP	900mm	1000mm	150mm	12mm	0.90	27kg	2mm
SCE09510BP	950mm	1000mm	150mm	12mm	0.95	28.5kg	2mm
SCE1010BP	1000mm	1000mm	150mm	12mm	1.00	30kg	2mm
SCE10510BP	1050mm	1000mm	150mm	12mm	1.05	31.5kg	2mm
SCE1110BP	1100mm	1000mm	150mm	12mm	1.10	33kg	2mm
SCE11510BP	1150mm	1000mm	150mm	12mm	1.15	34.5kg	2mm
SCE1210BP	1200mm	1000mm	150mm	12mm	1.2	36kg	2mm
SCE12510BP	1250mm	1000mm	200mm	12mm	1.25	37.5kg	2mm
SCE1310BP	1300mm	1000mm	200mm	12mm	1.3	39kg	2mm
SCE13510BP	1350mm	1000mm	200mm	12mm	1.35	40.5kg	2mm
SCE1410BP	1400mm	1000mm	250mm	12mm	1.4	42kg	2mm
SCE14510BP	1450mm	1000mm	250mm	12mm	1.45	43.5kg	2mm
SCE1510BP	1500mm	1000mm	250mm	12mm	1.5	45kg	2mm
SCE15510BP	1550mm	1000mm	250mm	12mm	1.55	46.5kg	2mm
SCE1610BP	1600mm	1000mm	250mm	12mm	1.6	48kg	2mm

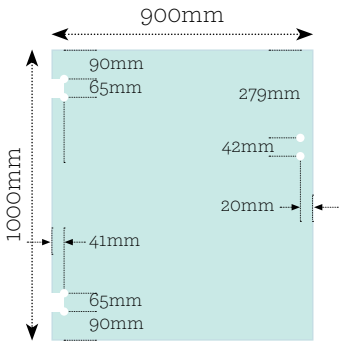
FRAMELESS GLASS GATE & HINGE PANELS

BELAIRE GATE PANELS

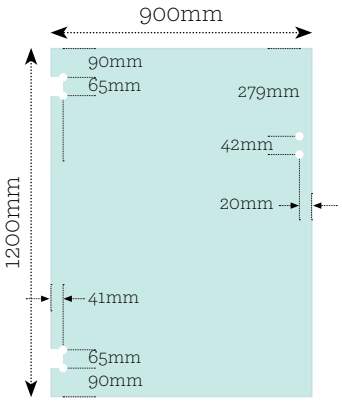
- 10mm thick clear toughened glass
- Corner radius: 2mm
- 10mm supplied as standard



Order Code: SCE0812GP PH
Glass weight: 19.9kg



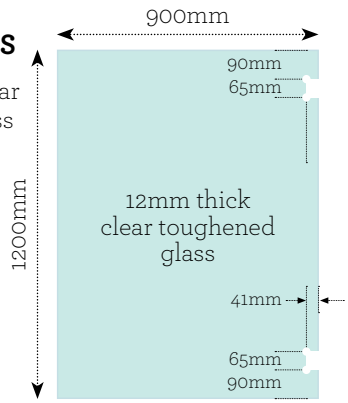
Order Code: SCE0910GP PH
Glass weight: 21.6kg



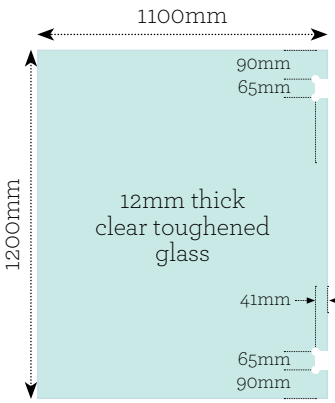
Order Code: SCE0912GP PH
Glass weight: 28kg

BELAIRE HINGE PANELS

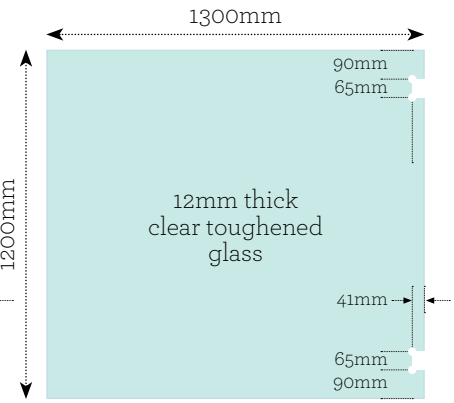
- 12mm thick clear toughened glass
- Corner radius: 2mm



Order Code: SCE0912HP PH
Glass weight: 32.4kg



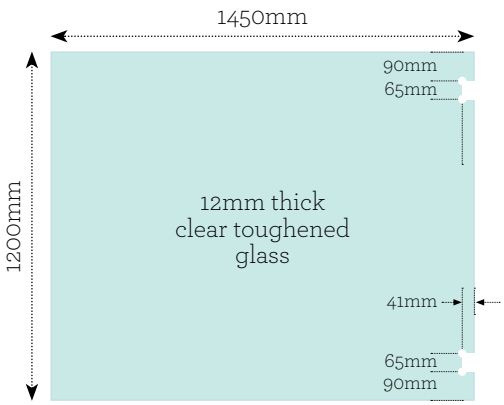
Order Code: SCE1112HP PH
Glass weight: 38kg



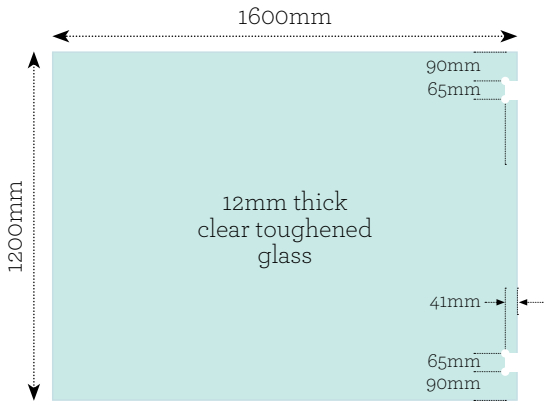
Order Code: SCE1312HP PH
Glass weight: 46.8kg

EnduroShield

When ordering EnduroShield-coated glass, replace the SCE prefix with **SES**



Order Code: SCE14512HP PH
Glass weight: 52.2kg



Order Code: SCE1612HP PH
Glass weight: 58kg

* Extra high wind zone

WIND ZONES

Wind regions for BelAire spigots to suit occupancy A,B, E, and C3

NZS 3604 divides New Zealand into two wind regions (A and W) and several lee zone areas – these are areas where the landforms create localised wind acceleration resulting in higher wind speeds than the rest of the region.
It also classifies wind zones into categories, set out in the following table, according to maximum ultimate limit state speeds.
Wind zone classifications (from NZS 3604 Timber framed buildings)

Classification	Maximum ultimate limit state speed
Low	Below 32 m/s
Medium	37 m/s
High	44 m/s
Very high	50 m/s
Extra high	55 m/s
Specific design (SD)	Over 55 m/s

Pool Fencing - Max Panel Size & Spigot Quantity

Min 1200mm High

	Tekapo	Milford	Kaweka	Aoraki	Rakaia Channel
Up to Very High Wind Regions	1600W x 1200H (2 Spigots) 1250W x 1350H (2 Spigots) 1600W x 1350H (3 Spigots)	1600W x 1200H (2 Spigots) 1250W x 1350H (2 Spigots) 1600W x 1350H (3 Spigots)	1600W x 1200H (2 Spigots) 1250W x 1350H (2 Spigots) 1600W x 1350H (3 Spigots)	1100W x 1200H (2 Spigots) 1600W x 1200H (3 Spigots)	1600W x 1350H
Extra High Wind Regions	1350W x 1200H (2 Spigots) 1600W x 1200H (3 Spigots)	1350W x 1200H (2 Spigots) 1600W x 1200H (3 Spigots)	1350W x 1200H (2 Spigots) 1600W x 1200H (3 Spigots)	900W x 1200H (2 Spigots)	1600W x 1350H

Balustrade With Handrail - Max Panel Size & Spigot Quantity

Min 1000mm High

	Tekapo	Milford	Kaweka	Aoraki	Rakaia Channel
Up to Very High Wind Regions	1400W x 1200H (2 Spigots)	1400W x 1200H (2 Spigots)	1400W x 1200H (2 Spigots)	900W x 1200H (2 Spigots) 1400W x 1200H (3 Spigots)	1600W x 1350H
Extra High Wind Regions	1600W x 1000H (2 Spigots) 1600W x 1200H (3 Spigots)	1600W x 1000H (2 Spigots) 1600W x 1200H (3 Spigots)	1600W x 1000H (2 Spigots) 1600W x 1200H (3 Spigots)	900W x 1200H (2 Spigots)	1600W x 1350H

ALL SPIGOTS ARE NOW AVAILABLE **POWDER-COATED** IN A RANGE OF **DULUX COLOURS***

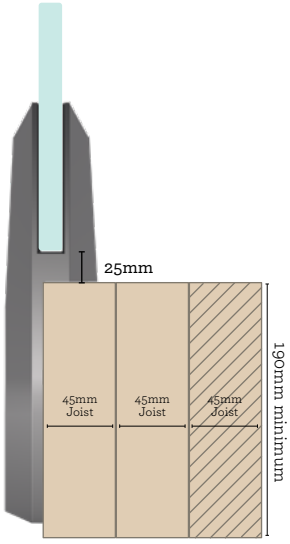
KAWEKA SIDE MOUNT SPIGOT

Duplex 2205 Stainless Steel

SIDE MOUNT Spigot
Polish Finish Code: SCESMS24
Black Finish Code: SCESMS24 B
Stainless Satin Finish Code: SCESMS S

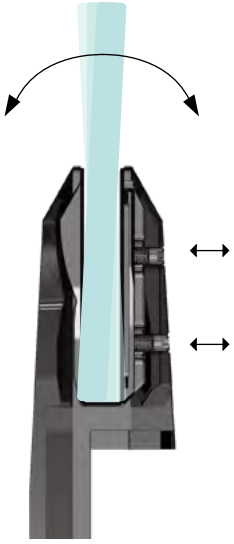
DECK LAYOUT

The glass sits flush with the outside of the deck, so use the dimensions of the deck to work out the glass panels.

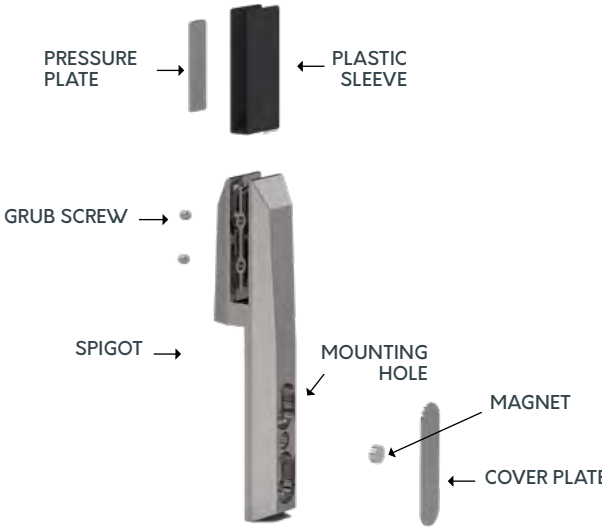


ANGLE ADJUSTMENT

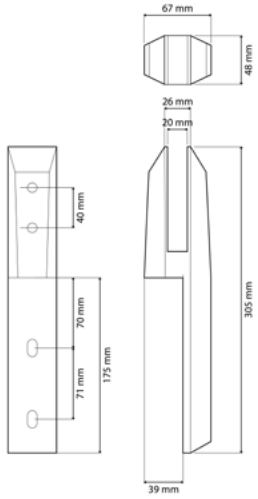
Easily adjust the angle of glass panels in the Kaweka Spigot by tightening the top or bottom grub screw against the adjustment plate.



SPIGOT PARTS



SPIGOT DIMENSIONS



SPIGOT FIXINGS

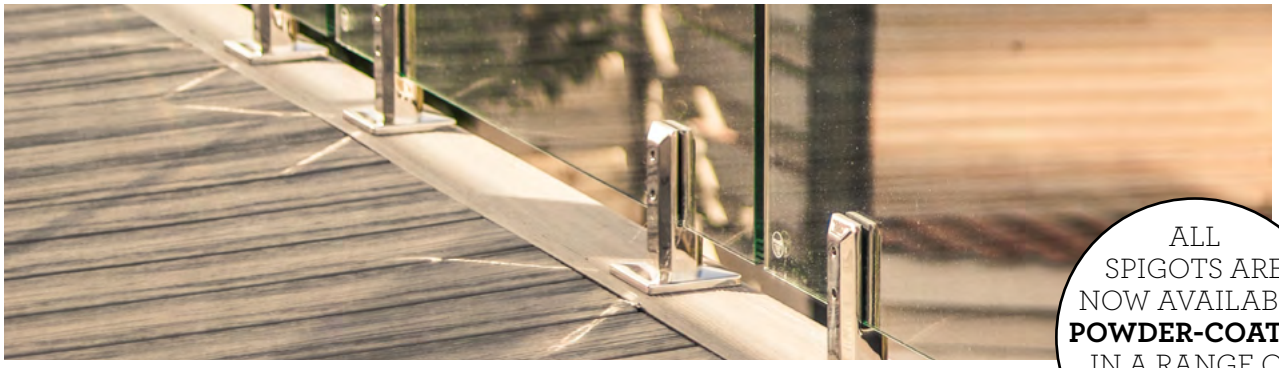
CONCRETE

SCECHSA-K
M12 Concrete screw

TIMBER

SCETHX
Timber HEX screw

**1yr warranty on powder coated spigots.



ALL SPIGOTS ARE NOW AVAILABLE **POWDER-COATED** IN A RANGE OF **DULUX COLOURS***

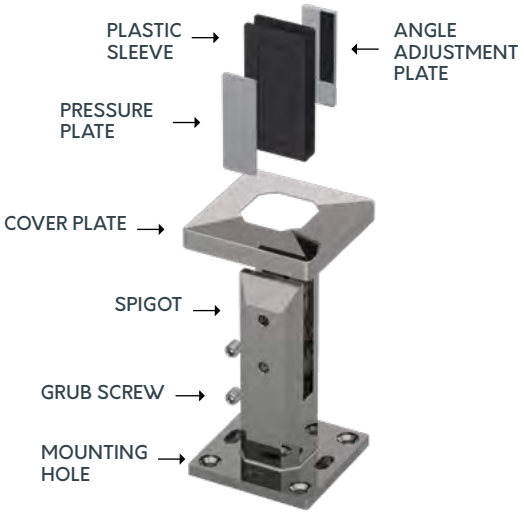
TEKAPO BASE PLATE SPIGOT

Duplex 2205 Stainless Steel

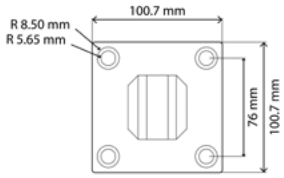
BASE PLATED Spigot
Polish Finish Code: SCEPSSP
Black Finish Code: SCEPSSP B
Satin Finish Code: SCEPPSP

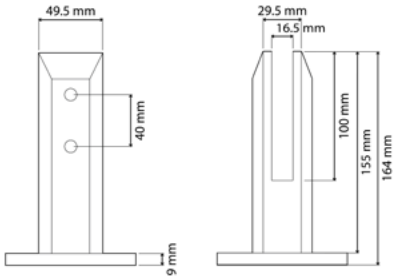
COVER PLATE
Polished, Black or Satin Finish

SPIGOT PARTS



SPIGOT DIMENSIONS



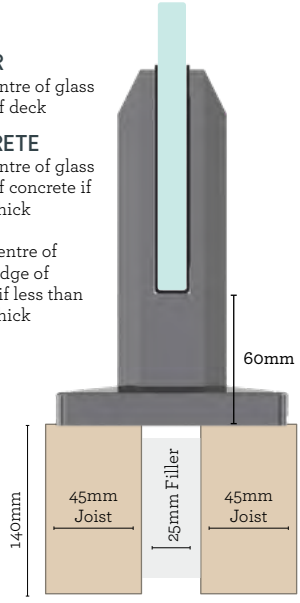


DECK LAYOUT

Please take into account the distance from the edge of decking/ concrete to the centre of glass on internal and external corners.

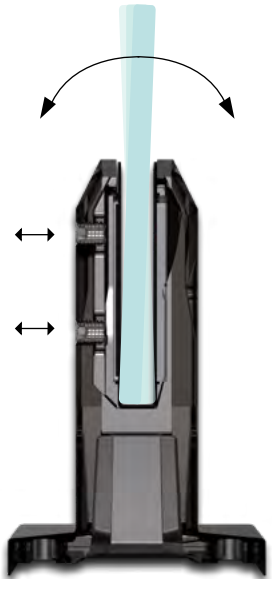
TIMBER
60mm centre of glass to edge of deck

CONCRETE
90mm centre of glass to edge of concrete if 200mm thick
OR
140mm centre of glass to edge of concrete if less than 200mm thick



ANGLE ADJUSTMENT

Easily adjust the angle of glass panels in the Tekapo Spigot by tightening the top or bottom grub screw against the adjustment plate.



SPIGOT FIXINGS

CONCRETE

SCECCSA
M8 Concrete screw anchor

SCETHR8 & SCE8BRLNUT
Threaded rod and barrel nut requires chermset

TIMBER

SCETCSK
Timber CSK screw

**1yr warranty on powder coated spigots.

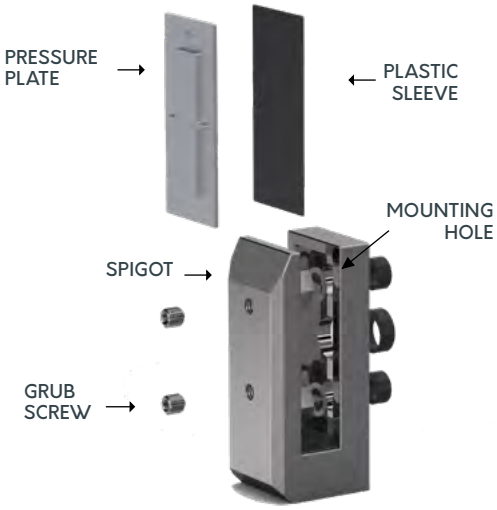
ALL SPIGOTS ARE NOW AVAILABLE **POWDER-COATED** IN A RANGE OF **DULUX COLOURS***

AORAKI FACE MOUNT SPIGOT

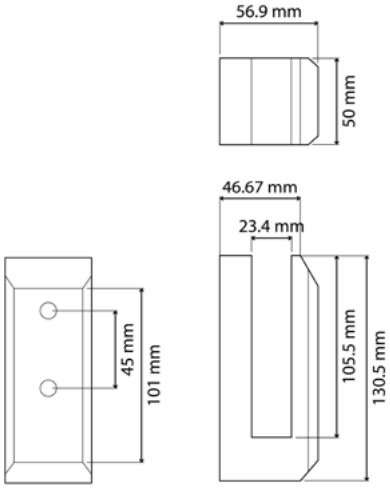
Duplex 2205 Stainless Steel

FACE MOUNTED Spigot - FRICTION FIT
Polish Finish Order Code: SCEFMS
Black Finish Order Code: SCEFMS B

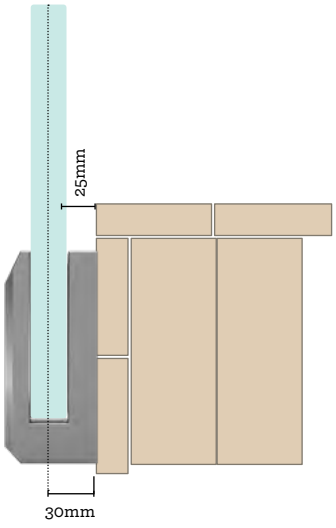
SPIGOT PARTS



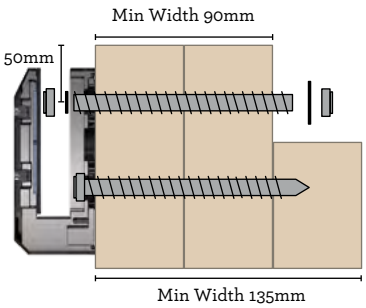
SPIGOT DIMENSIONS



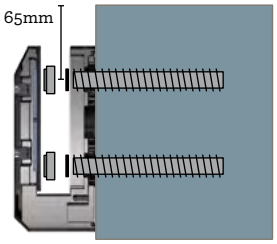
DECK LAYOUT OPTIONS



TIMBER



CONCRETE



SPIGOT FIXINGS

CONCRETE

2 x 12mm
SS Threaded rod secured with chemset, washers and nut

TIMBER

2 x 12mm
SS Threaded rod secured with washers and nuts

Or

2x Hex head lag screws

**1yr warranty on powder coated spigots.

ALL SPIGOTS ARE NOW AVAILABLE **POWDER-COATED** IN A RANGE OF **DULUX COLOURS***

MILFORD BASE PLATE SPIGOT

Duplex 2205 Stainless Steel

BASE PLATED Spigot
Polish Finish Code: SCEPSOP
Black Finish Code: SCEPSOP B

COVER PLATE
Polished, Black or Satin Black Finish

Optional 34mm cover plate on available on request

DECK LAYOUT

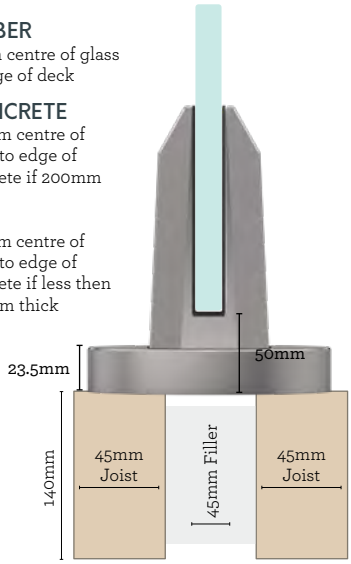
Please take into account the distance from the edge of decking/ concrete to the centre of glass on internal and external corners.

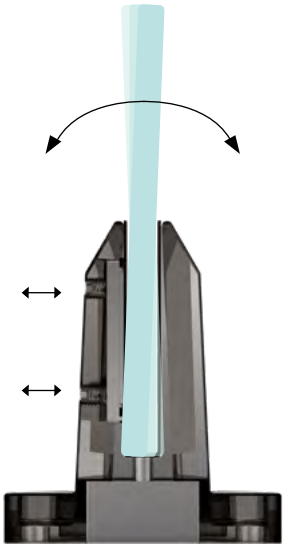
ANGLE ADJUSTMENT

Easily adjust the angle of glass panels in the Milford Spigot by tightening the top or bottom grub screw against the adjustment plate.

TIMBER
75mm centre of glass to edge of deck

CONCRETE
120mm centre of glass to edge of concrete if 200mm thick
OR
150mm centre of glass to edge of concrete if less then 200mm thick

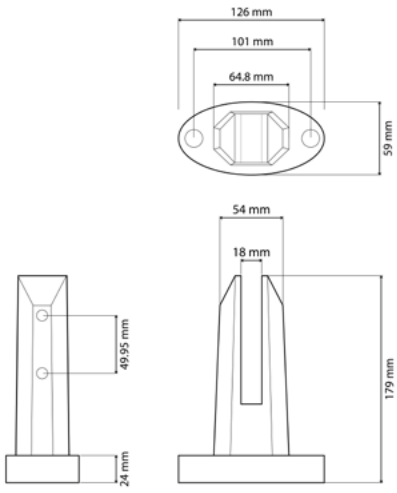




**1yr warranty on powder coated spigots.

SPIGOT PARTS

SPIGOT DIMENSIONS



SPIGOT FIXINGS

CONCRETE

SCECHSA
M10 Concrete screw anchor

SCETHR12
Threaded rod and nut with chemset

TIMBER

SCETHX
Timber HEX screw

TEKAPO CORE DRILL SPIGOT

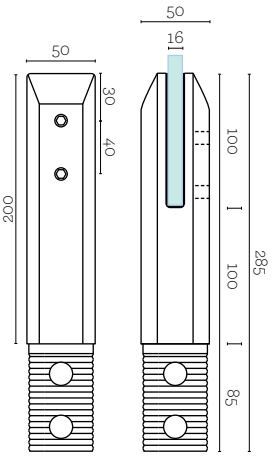
Duplex 2205 Stainless Steel

Polish Finish

Black Finish

CORE DRILL Spigot - FRICTION FIT
Polish Finish Order Code: SCECDS
Black Finish Order Code: SCECDS B

COVER PLATE
Polish or Black Finish
(Comes with the core drill spigot)

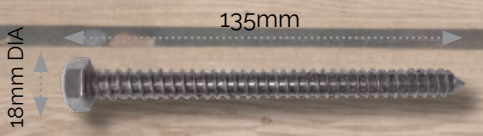


FIXINGS FOR ALL SPIGOTS

TIMBER FIXINGS

Countersunk Timber Screw 140mm Long
Stainless Steel 316 (Hex head drive)

Order Code: SCETCSK
- Self tapping 140mm length with M8 diameter screw
- Spigots: Tekapo, Rakaia Channel



M12 Coachscrew Timber Screw 135mm
Stainless Steel 316 (Hex head drive)
135mm Order Code: SCETHX (for Kaweka spigots)
- Self tapping 135mm length with M12 diameter screw
- Spigots: Kaweka, Milford

M10 & M12 Timber Lag Screw 140mm Long

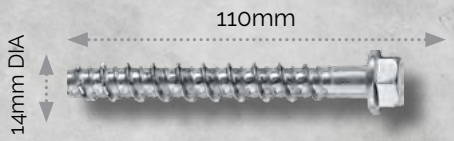
Stainless Steel 316 (Hex head drive)
Order Code: SCELAG140 (M10 Rakaia Channel)
Order Code: SCELAG160 (M12 Aoraki Spigots)
- Self tapping 140mm or 160mm length
- 2 x M12 nuts or M10 nuts
- Spigots: Aoraki, Rakaia Channel (Bottom Fixing)

Chemset: SCECHEM Chemset
Used with SCETHR12 or SCETHR10 Stainless threaded rod into concrete

CONCRETE FIXINGS

M8 Countersunk Concrete Screw ANCHOR 80 & 95mm Long
Stainless Steel 316 (Torx head drive)
80mm Order Code: SCECCSA80
95mm Order Code: SCECCSA95
- Self tapping 95mm length with 10mm outer; M8 diameter screw
- Spigots: Tekapo, Rakaia Channel
- Drill a 8mm Hole

M10 Concrete Wedge anchor x 110mm Stainless Steel
Code: SCECHSA-K
- Spigots: Kaweka



M12 & M10 Concrete Screw Anchor 110mm Long Stainless Steel 316 (Hex head drive)
Order Code: SCECHSA
- Self tapping 110mm length with 14mm outer; M12 diameter screw
- Spigots: Milford, Kaweka
- Drill a 12mm hole

Threaded Rod
Stainless Steel 316 (Hex head drive)
M10 Order Code: SCETHR10
(for Rakaia Channel)
M12 Order Code: SCETHR12
(for Milford, Kaweka and Aoraki Spigots)
- Chemset also supplied for concrete applications - ask our sales team for more info
- Drill a 14mm hole when using Chemset

*Also other items such as Chemset and threaded rod available on request.

BelAire® DESIGNER FENCING

FACE FLASHING, END CAP & DECKING CAP **POWDER-COATED** IN A RANGE OF **DULUX COLOURS***

RAKAIA FRICTION CHANNEL

3m & 1.5m Long Channel Kits

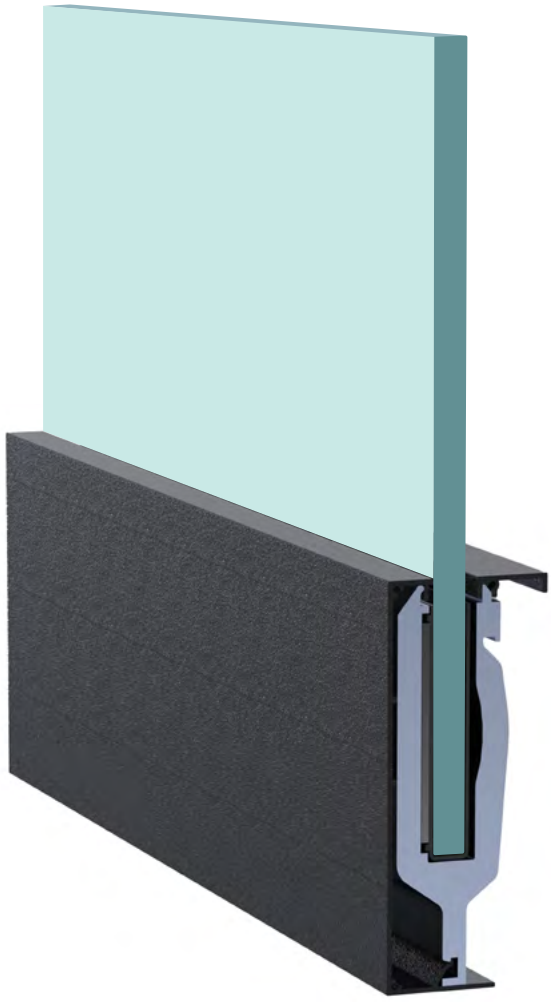
The all new Rakaia side mounted friction fitting glass channel system has been designed for the most simple installation method in mind, it also meets and surpasses all compliance that is required for New Zealand regulations.

Its durability is outstanding, having been tested in our own testing facility we were sure blown away at the strength that this system serves.

Our durable channel systems provide a modest and continuous design for pool fencing and balustrading.

RAKAIA CHANNEL - FRICTION FIT
Timber Order Code: SCECHT
Concrete Order Code: SCECHC

*Includes channel, powder coated inner and outer covers, plastic insert, pressure plate, grub screws, hanger brackets and mounting screws.



CHANNEL PARTS

ADDITIONAL COMPONENTS

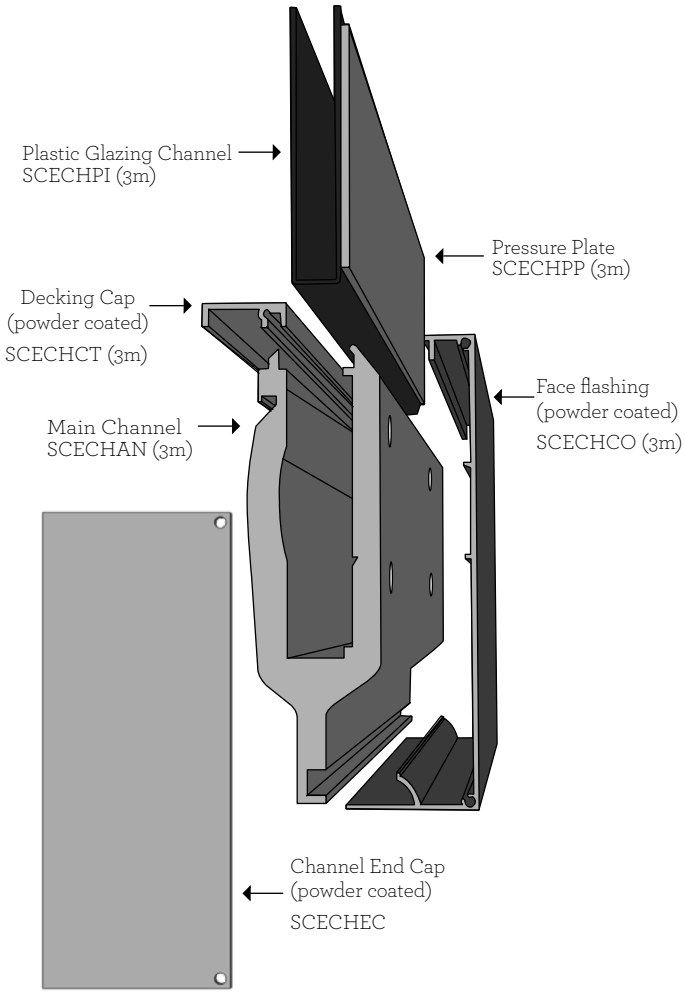
SCECHGS
Grub Screws (per unit)

SCECHCC
Corner Cap (per unit)

SCECHEC
End Cap (per unit)

SCECHHB
Hanger Bracket (per unit)

SCECHJC
Channel Join Cover (per unit)



INFINITY LOOK

Very sleek, infinity edge look where you will see no fixings, making the channel look like a flashing.

The channel is made up of a total of 5 different extrusions plus the fixings. The main extrusion which is the channel is formed from a High Tensile Aluminium 6061-T-6

The cover plates are powder coated to any colour you choose out of the Dulux powder coated system.

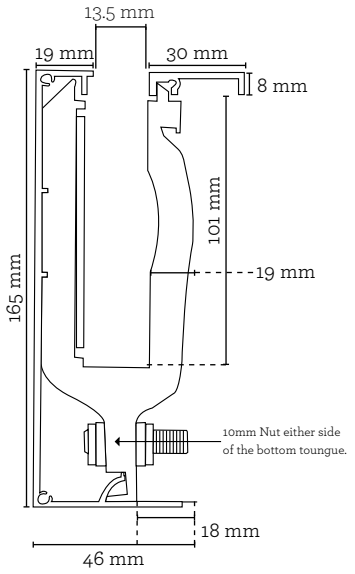
WIND REGIONS

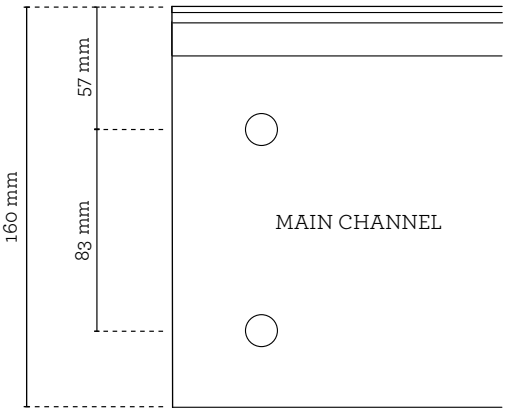
Suitable for up to Extra High and SED Wind zones.

OCCUPANCY TYPE

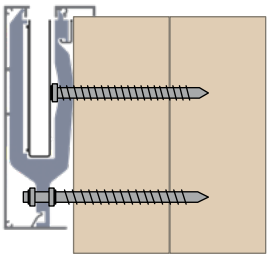
Suitable for occupancy types A, B, E and C3 Occupancy types as per AS/NZ 1170.1.2002

CHANNEL DIMENSIONS





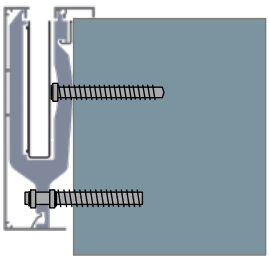
DECK LAYOUTS / FIXINGS



TIMBER FLUSH MOUNT

SCETCSK
Timber CSK screw for the top fixing.

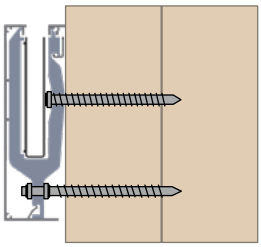
SCELAG140
Timber LAG Screw for the bottom fixing.
Along with 2 x M10
Nuts to go either side of the bottom Fin
(as shown below)



CONCRETE FLUSH MOUNT

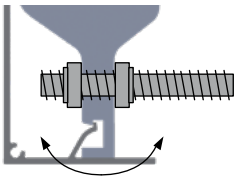
SCECCSA
For the top fixing M8 Countersunk concrete screw

SCETHR10
Threaded rod and 2 x
M10 nuts for the bottom fixing.
Nuts to go either side of the bottom fin.
(as shown below)



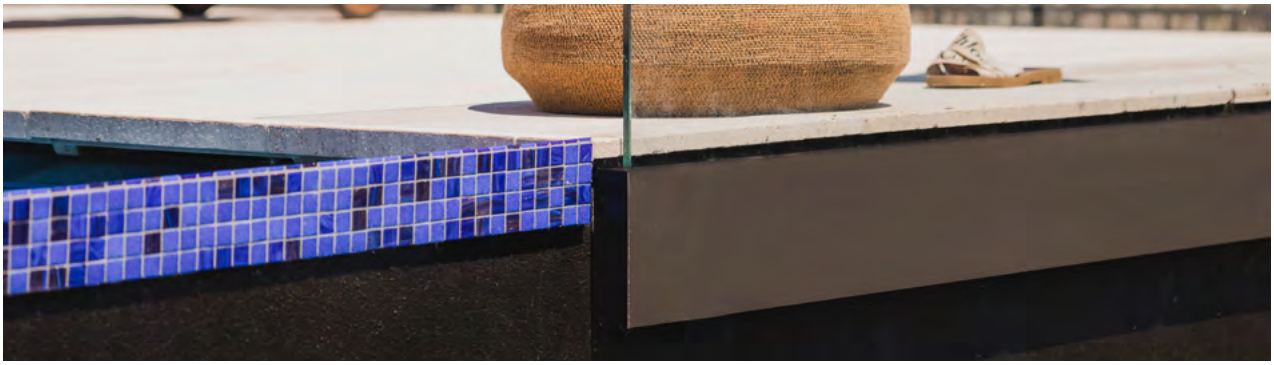
SIDE MOUNT OPTION

For the side mount option, all channel components are the same apart from the top deck cap which, when ordering, will need to be swapped out for part code: SCECHCTN



ANGLE ADJUSTMENT

Easily adjust the angle of glass panels in the Rakaia Channel by tightening either nuts adjusting the angle of the main channel.



GATE HARDWARE: LATCHES & HINGES

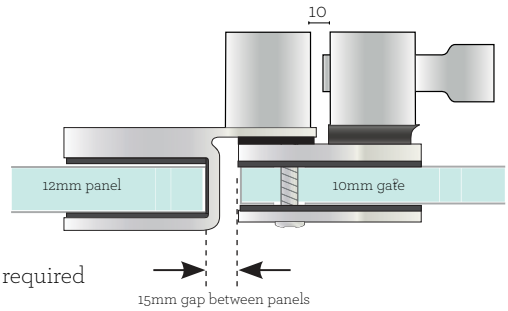
BelAire offers a 24 month warranty from the moment of purchase on gate hardware (hinges and latches)

GLASS-TO-GLASS LATCH KIT
Polish Finish Duplex 2205 Stainless Steel

Order Code: SCEHPGL

SPECIFICATION

- Full stainless steel side pull latch; Duplex 2205 stainless steel
- Friction latch for glass to glass 180 degree application
- Suits 8mm and 10mm glass gates
- Latch panel must be 12mm thick - No latch holes required
- Available in polish finish only

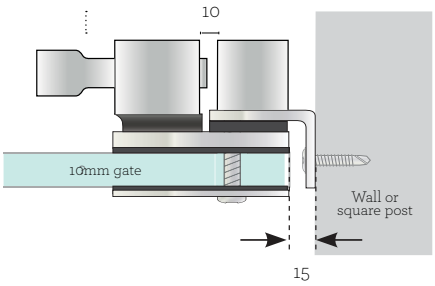


GLASS-TO-WALL SQUARE POST LATCH KIT
Polish Finish Duplex 2205 Stainless Steel

Order Code: SCEHPGWL

SPECIFICATION

- Full stainless steel side pull latch; 2205 stainless steel
- Suitable for application to wall or square posts
- Suits 8mm and 10mm glass gates
- Available in polish finish only



GLASS-TO-GLASS 90° LATCH KIT
Polish Finish Duplex 2205 Stainless Steel

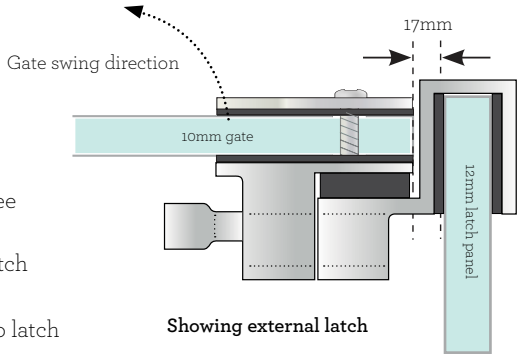
Showing external latch

External Order Code:
SCEHPGL90EX

Internal Order Code:
SCEHPGL90IN

SPECIFICATION

- Side pull latch glass gate to 90 degree latch panel external fit
- Stainless steel backing plates and latch
- Suits 8mm and 10mm glass gates
- Latch panel must be 12mm thick - no latch holes required



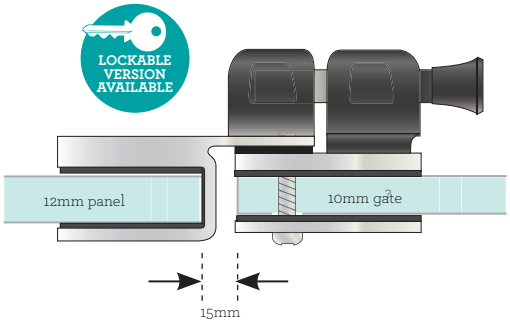
Showing external latch

GLASS-TO-GLASS LATCH KIT
316 Stainless Steel & Polymer

Polish Finish Order Code: SCEGL
Black Finish Order Code: SCEGL B
Satin Finish Order Code: SCEGL S

SPECIFICATION

- Side pull latch
- Friction latch for glass to glass 180 degree application
- Stainless steel backing plates + D&D side pull polymer latch
- Suits 8mm and 10mm glass gate
- Latch panel must be 12mm thick – no latch holes required
- Available in polish finish backing plates

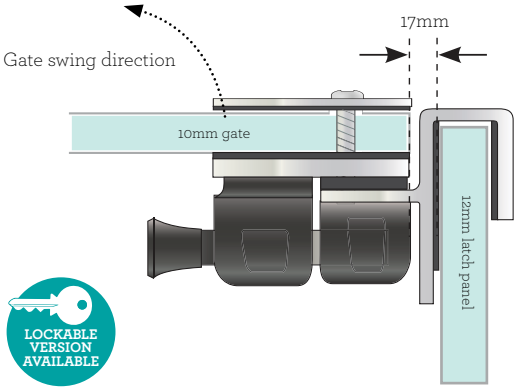


GLASS-TO-GLASS 90° LATCH KIT
(external fit) 316 Stainless Steel & Polymer

Polish Finish Order Code: SCEGL90EX
Black Finish Order Code: SCEGL90EX B
Satin Finish Order Code: SCEGL90EX S

SPECIFICATION

- Side pull latch glass gate to 90 degree latch panel external fit
- Stainless steel backing plates + D&D side pull polymer latch
- Suits 8mm and 10mm glass gates
- Latch panel must be 12mm thick - no latch holes required

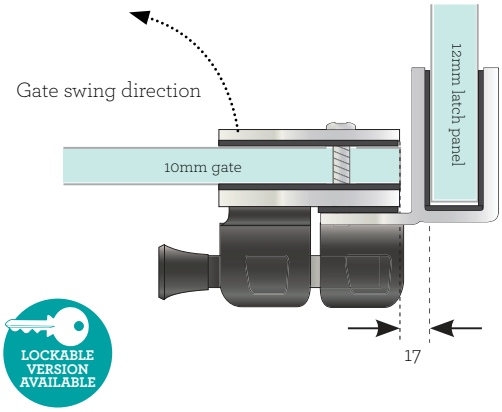


GLASS-TO-GLASS 90° LATCH KIT
(internal fit) 316 Stainless Steel & Polymer

Polish Finish Order Code: SCEGL90IN
Black Finish Order Code: SCEGL90IN B
Satin Finish Order Code: SCEGL90IN S

SPECIFICATION

- Side pull latch
- Glass gate to wall/square post application
- Stainless steel backing plates + D&D side pull polymer latch
- Suits 8mm and 10mm glass gates
- Available in satin or polish finish backing plate
- Suits 'internal 90 degree' configuration



BelAire offers a 24 month warranty from the moment of purchase on gate hardware (hinges and latches)

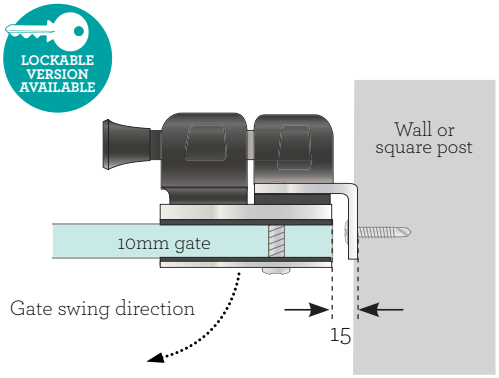
GLASS-TO-WALL/ SQUARE POST LATCH KIT

316 Stainless Steel & Polymer

Polish Finish Order Code: SCEGWL
Black Finish Order Code: SCEGWL B
Satin Finish Order Code: SCEGWL S

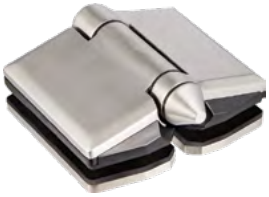
SPECIFICATION

- Side pull latch glass gate to 90 degree latch panel internal fit pull polymer latch
- Stainless steel backing plates + D&D side
- Suits 8mm and 10mm glass gates
- Latch panel must be 12mm thick - no latch holes required
- Available in polish finish backing plate



GLASS-TO-GLASS HINGES

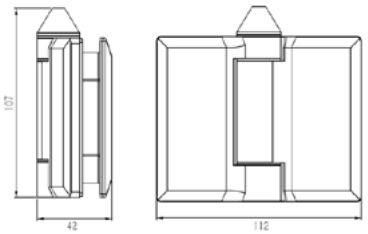
(set of 2) Duplex 2205 Stainless Steel



Polish Finish Order Code: SCEHPHSN

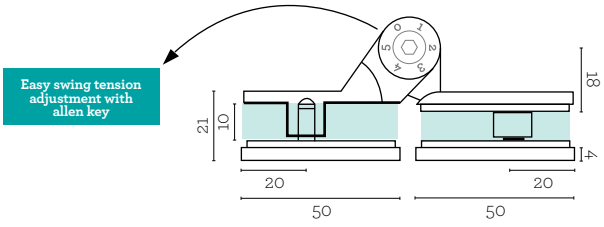
Satin Finish Order Code: SCEHPHSN S

Black Finish Order Code: SCEHPHS B



SPECIFICATION

- Glass gate to glass hinge panel
- Stainless steel Duplex 2205
- Suits 8 and 10mm glass gates

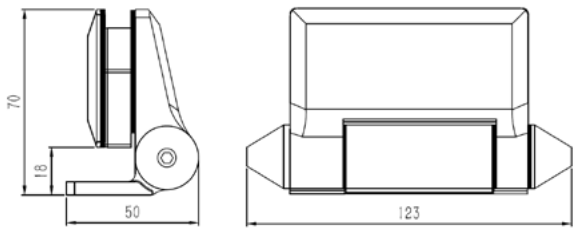


- Available in polish finish
- Cone cap incorporated to prevent 'toe hold'
- Includes solid stainless 2205 backing plates for a premium finish

GLASS-TO-WALL/SQ. POST HINGES

(set of 2) Polish Finish Duplex 2205 Stainless Steel

Polish Finish
Order Code: SCEHPGWHSN
Black Finish
Order Code: SCEHPGWHS B
Satin Finish
Order Code: SCEHPGWHS S



SPECIFICATION

- Glass gate to wall or square post application
- Suits 8 and 10mm glass gates
- Stainless steel Duplex 2205
- Available in polish or satin finish
- Cone cap incorporated to prevent 'toe hold'
- Gap between post or wall and glass gate is min 18mm max 22mm

BelAire offers a 24 month warranty from the moment of purchase on gate hardware (hinges and latch)

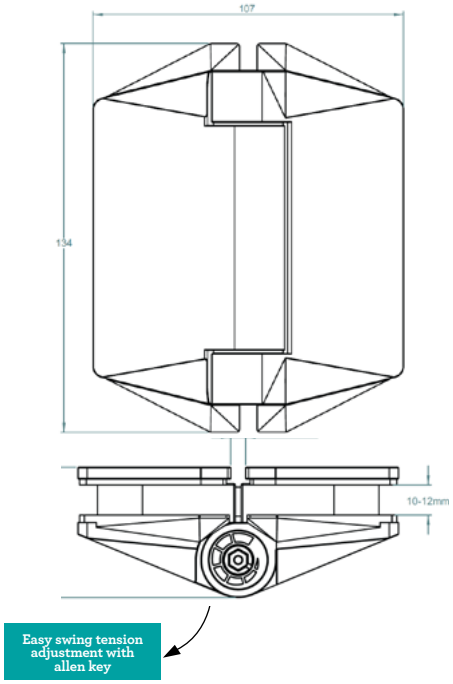
NO SLAMMING!
SOFT CLOSING GATE HINGES

POLARIS SOFT CLOSING GLASS-TO-GLASS HINGE

125 Series Pool Hinge

Polish Finish
Order Code: SCEPHGG

Black Finish
Order Code: SCEPHGG B



SPECIFICATION

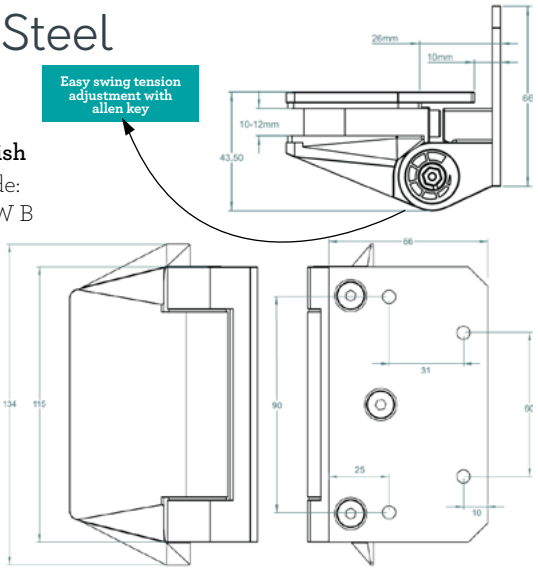
- 2205 grade stainless steel
- Self closing pool fence compliant safety hinge
- Suits 10 or 12mm thick glass gates (max 45kg)
- Polish or matt black finish
- Sleek new look
- Revolutionary anti-drop gate packing system which lowers the chance of the gate dropping.

POLARIS 125 SERIES GLASS-TO-WALL HINGES

(set of 2) Duplex 2205 Stainless Steel

Polish Finish
Order Code:
SCEPHGW

Black Finish
Order Code:
SCEPHGW B



SPECIFICATION

- 2205 grade stainless steel
- Self closing pool fence compliant safety hinge
- Suits 10 or 12mm thick glass gates (max 45kg)
- Polish or matt black finish
- Gate opens to 120°
- Sleek new look
- Revolutionary anti-drop Gate Packing system which lowers the chance of the gate dropping.
- Gap between post or wall and glass gate is min 26mm max 29mm

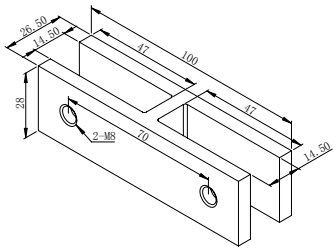
BelAire offers a 24 month warranty from the moment of purchase on gate hardware (hinges and latches)

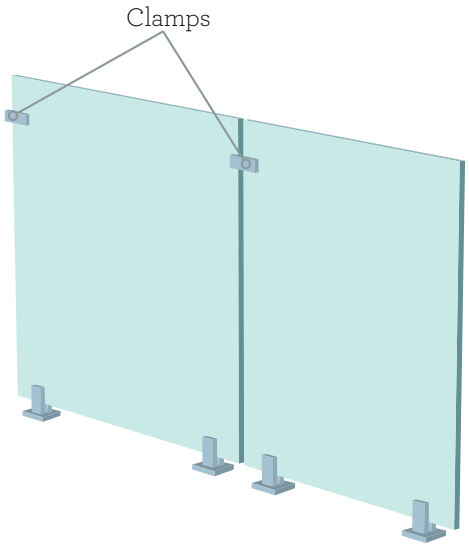
BelAire® DESIGNER FENCING

CLAMPS & HANDRAILS

- Contemporary rigidity brackets that are “friction fit” – the glass panels do not require pre-drilled holes.
- All are suitable for 12mm glass.

SMALL RIGI CLAMP
316 Stainless Steel

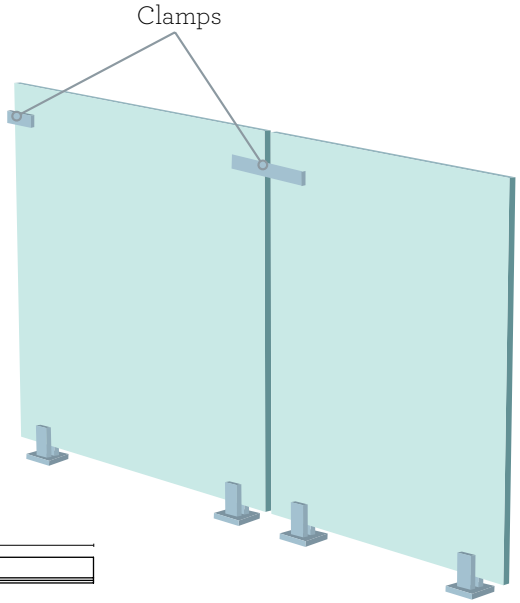




Polish Finish Order Code: SCEGGS
Black Finish Order Code: SCEGGS B

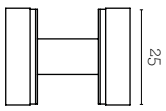
- Tightens with an allen key
- Gap between panels: min 18mm / max 40mm

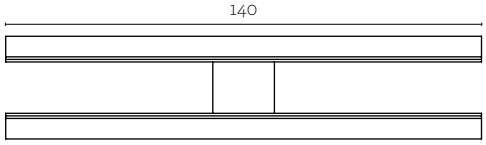
LARGE RIGI CLAMP
316 Stainless Steel



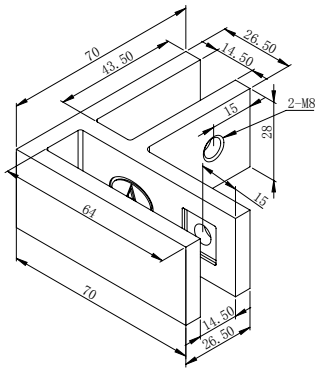
Polish Finish Order Code: SCEGGL
Black Finish Order Code: SCEGGL B

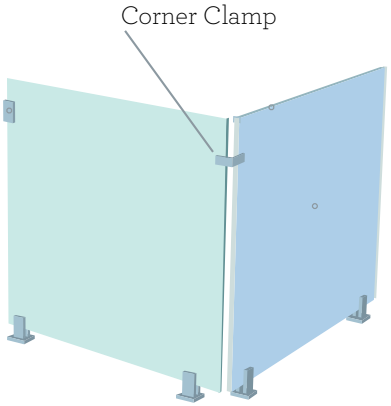
- Tightens with an allen key
- Gap between panels: min 40mm / max 70mm





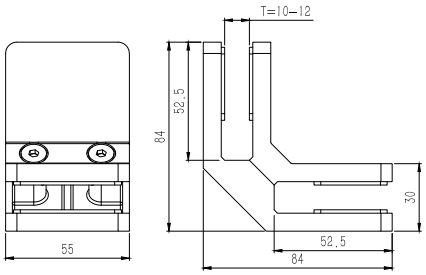
90° RIGI CLAMP
316 Stainless Steel

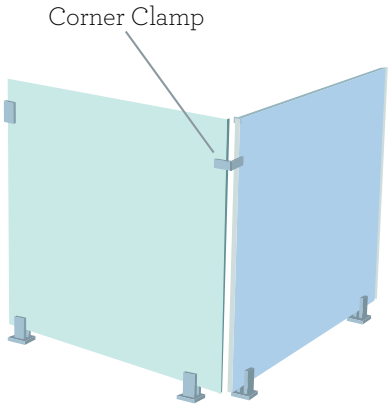




Polish Finish Order Code: SCEGG90
Black Finish Order Code: SCEGG90 B

90° HEAVY DUTY CORNER CLAMP
316 Stainless Steel





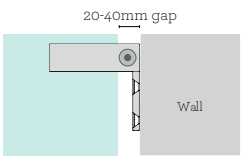
Polish Finish Order Code: SCEGG90HD
Black Finish Order Code: SCEGG90HD B

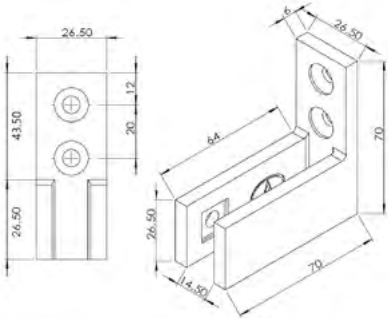
WALL RIGI CLAMP
316 Stainless Steel

Polish Finish Order Code:
SCEGWV (Vertical)
SCEGWH (Horizontal)

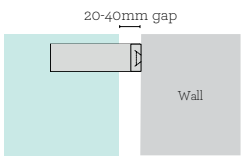
- Adjustable with allen key
- Counter sunk screw holes

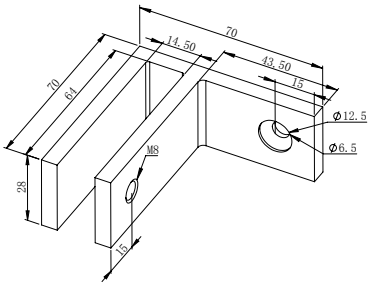
Black Finish Order Code:
SCEGWV B (Vertical)
SCEGWH B (Horizontal)





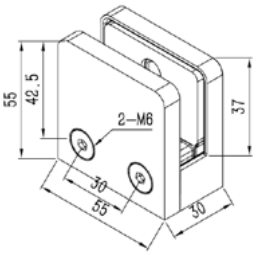
VERTICAL

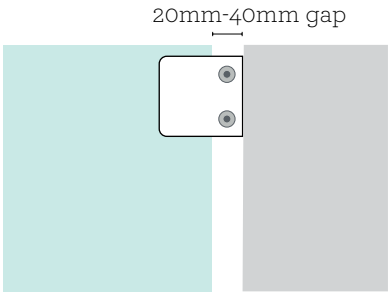




HORIZONTAL

HEAVY DUTY WALL CLAMP
316 Stainless Steel



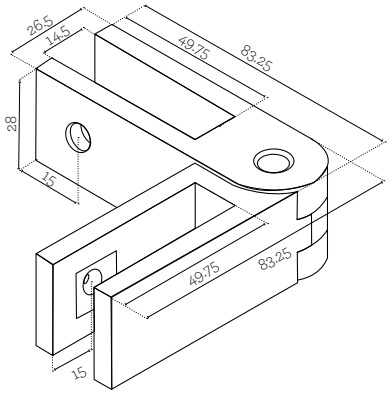


Polish Finish Order Code: SCEGWHD
Black Finish Order Code: SCEGWHD B

- Adjustable with allen key
- Counter sunk screw holes

SWIVEL RIGI CLAMP
316 Stainless Steel

VARIABLE ANGLE



Polish Finish
Order Code: SCEGGSW

Black Finish
Order Code: SCEGGSW B

*When installing glass panels, ensure there is a minimum gap of 45mm between panels and a maximium gap between panels of 70mm.

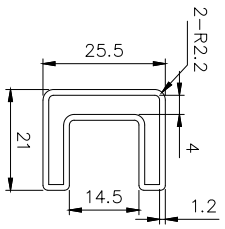
HANDRAIL – 5800mm x 25mm x 21mm
316 Stainless Steel

Polish Finish

SLIMLINE RAIL

Black Finish

COMPLIANT WITH NZS4223:2016 and F4

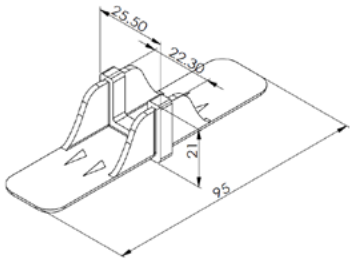


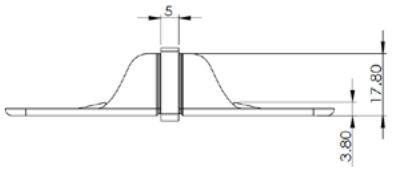
Polish Finish Order Code: SCEHR5.8 OR 2.9
Black Finish Order Code: SCEHR5.8 OR 2.9 B

SPECIFICATION

- Slimline stylish profile - caps over 12mm thick glass
- 1.2mm wall thickness
- 14 x 14mm glazing pocket: silicone onto glass or use in conjunction with glazing rubber
- To be compliant with NZS4223:2016 - Approved Balustrade Handrail

180° CONNECTOR – 25mm x 21mm
316 Stainless Steel



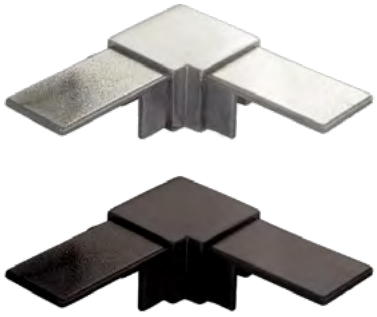


Polish Finish
Order Code: SCEHR180

Black Finish
Order Code: SCEHR180 B

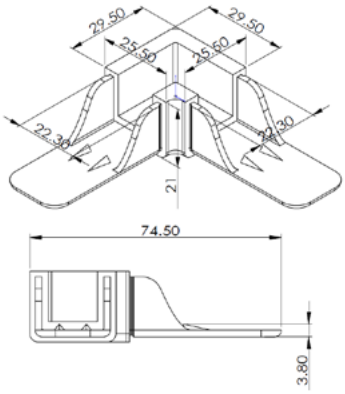
SPECIFICATION
- In-line rail joiner
- Easy to use tap-in fitting: allows for increased speed of assembly
- Stainless Steel 316
- Friction fitting or epoxy can be used

90° CONNECTOR – 25mm x 21mm
316 Stainless Steel



Polish Finish Order Code: SCEHR90
Black Finish Order Code: SCEHR90 B

SPECIFICATION
- 90 degree corner joiner ; easy to use tap-in fitting
- Stainless Steel 316
- Epoxy glue or drill/tap tube for joining strength



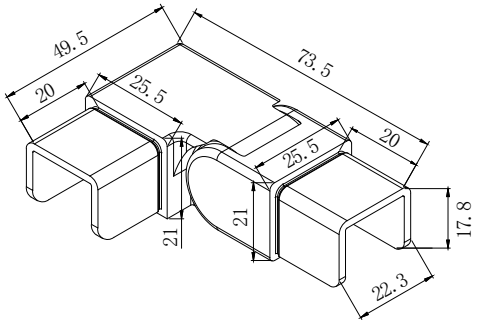
HANDRAIL SWIVEL VERTICAL CORNER JOINER LEFT AND RIGHT
316 Stainless Steel

Polish Finish
Order Code: SCEHRSCJL
Black Finish
Order Code: SCEHRSCJL B

LEFT SPECIFICATION
- Variable angle corner joiner
- From straight rail, achieve up to 90 degrees left angle joining
- Epoxy glue, weld or drill/top tube for joining strength

Polish Finish
Order Code: SCEHRSCJR
Black Finish
Order Code: SCEHRSCJR B

RIGHT SPECIFICATION
- Variable angle corner joiner
- From straight rail, achieve up to 90 degrees right angle joining
- Epoxy glue, weld or drill/top tube for joining strength



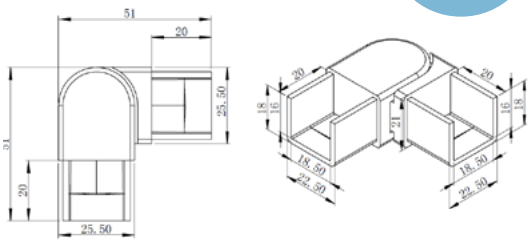
SWIVEL HORIZONTAL CONNECTOR
316 Stainless Steel

VARIABLE ANGLE

Polish Finish Order Code: SCEHRH
Black Finish Order Code: SCEHRH B

SPECIFICATION

- Variable angle horizontal joiner
- From straight rail, achieve up to 90 degrees left or right angle joining
- Epoxy glue or drill/top tube for joining strength



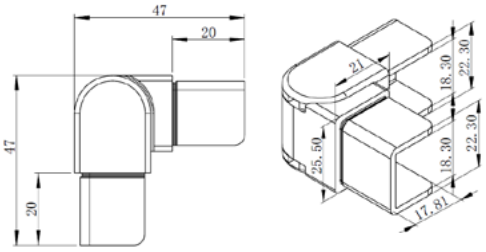
SWIVEL VERTICAL CONNECTOR
316 Stainless Steel

VARIABLE ANGLE

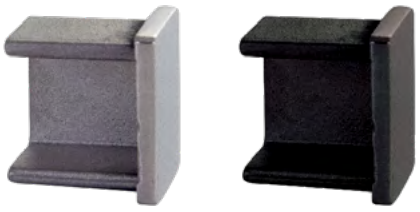
Polish Finish
Order Code: SCEHRV
Black Finish
Order Code: SCEHRV B

SPECIFICATION

- Variable angle vertical joiner
- From straight rail, achieve up to 45 degrees upwards and downwards
- Ideal for staircase installation



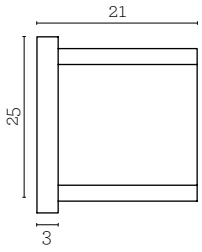
END CAP – 25mm x 21mm
316 Stainless Steel



Polish Finish Order Code: SCEHREC
Black Finish Order Code: SCEHRECB

SPECIFICATION

- End cap; easy to use tap-in fitting
- Stainless Steel 316
- Epoxy glue or drill/tap tube for joining strength

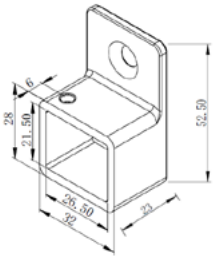


WALL PLATE – 25mm x 21mm
316 Stainless Steel

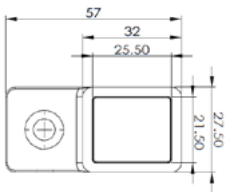
Polish Finish Order Code:
SCEHRWC (Vertical)
SCEHRWCH (Horizontal)
SCEHRWCHL (Horizontal Extra Long)
Black Finish Order Code:
SCEHRWC B (Vertical)
SCEHRWCH B (Horizontal)
SCEHRWCHL B (Horizontal Extra Long)

SPECIFICATION

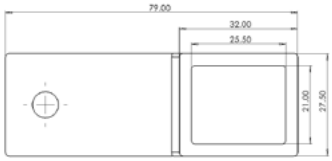
- Bracket can be affixed to wall/post
- 25 x 21mm tube fits into opening (female fit)
- Stainless Steel 316
- Grub Screw for joining strength



Vertical



Horizontal



Horizontal Extra Long

Install With Ocean Views

A recent BelAire glass fencing installation! Hawke's Bay's Ocean Beach sitting beneath this crows nest makes another picturesque location for a Scenic glass pool fencing job, leaving the view uninterrupted...

Project Specifications:

12mm Toughened Enduroshield Glass Fencing
1200mm high to meet all required council F9 specifications all provided with a PS1

Polished Core Drill Stainless 2205 Spigots & Soft closing Hinges
38 meters installed into concrete by core drilling

BelAire® DESIGNER FENCING

Balustrade Install

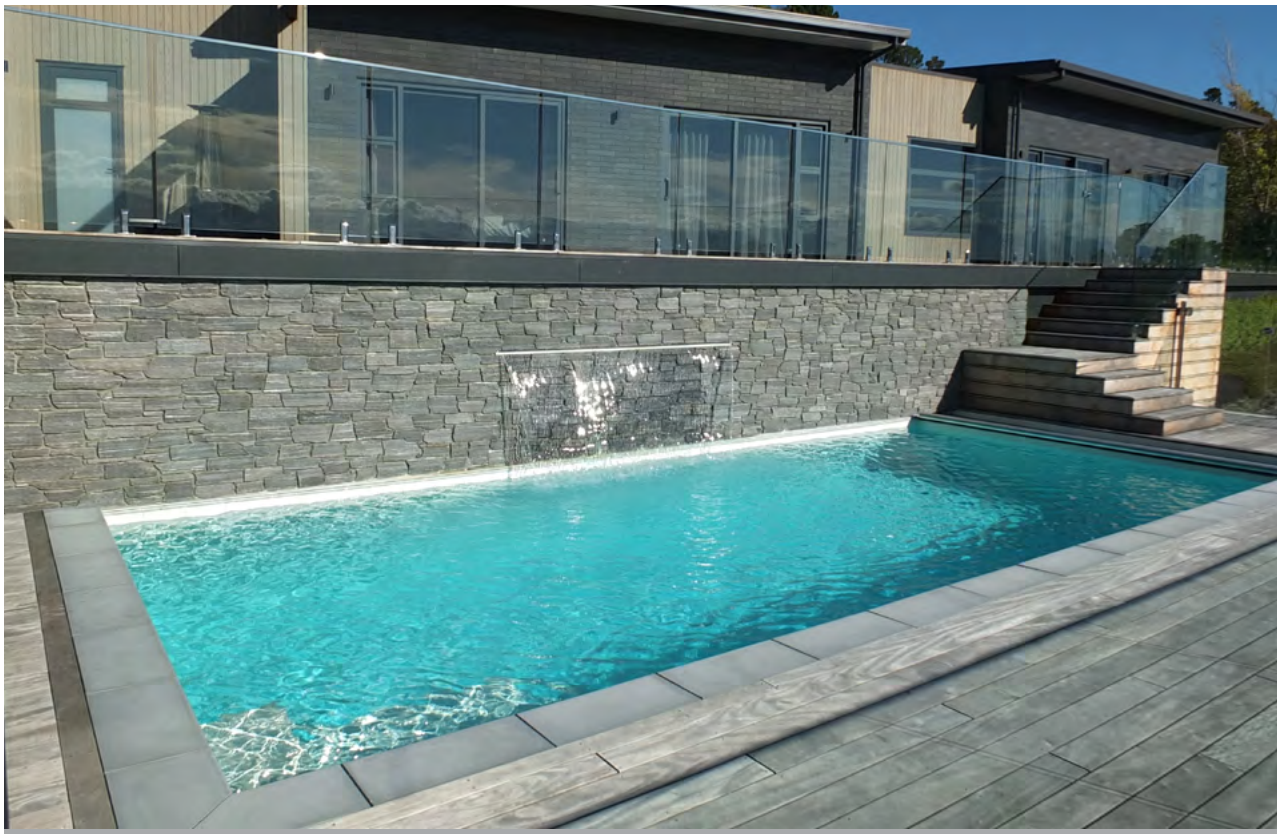
A Blenheim client approached BelAire Designer Fencing for a balustrading solution for his outdoor decking and pool area, not wanting to obstruct his amazing view. Our frameless glass balustrade system provided functionality and safety that complemented the aesthetics of our client's house.

Project Specifications:

12mm Toughened Enduroshield Glass Fencing
Combination of 1200mm high and 1000mm high

Tekapo Base Mounted Spigot
105 meters installed into timber decking

"I was really impressed with how easy BelAire made the whole process. The computerised layout and plan of what was required made it so easy. Great to get a reliable quote and then easy delivery and after care service."
Anonymous Client



Aluminium
Fencing & Screen
Systems
Scan to view all
BelAire fence drawings
BelAire®
DESIGNER FENCING
...make it your own!

BelAire slats between BelAire Signature posts.

BelAire®
DESIGNER FENCING

...make it your own!

Aluminium Fencing & Screen Systems

COST-EFFECTIVE

BelAire slat and louvre fencing is a great cost-effective option where a degree of privacy and security is required.

BUILT TO LAST

Our powder coated aluminium posts, channels and slats are very light, structurally very strong, and are supplied to you in a colour (or combination of colours) of your choice.

It is important to note that our fencing, with 25mm wide slats, is superior in strength to some inferior fencing with 16mm wide slats.

EASY INSTALLATION

Our slat and oblique fencing is designed to be assembled with ease. The aluminium fencing and screen systems use either inground or flanged posts. BelAire slat fencing panels can be easily handled by two people, making them perfect for difficult-to-access areas such as back yards or annexed ground.

We provide step-by-step self-install instructions that any competent DIY person should be able to follow, but if you'd rather get someone else to install it, we have a list of preferred installers throughout NZ. Call us on 0800 235 2473 and we will put you in touch with an installer in your area.

WARRANTY

New Zealand-made and 10-year warranty information. Be assured that with very little maintenance your fence will give you great privacy and security for many years to come. Only the finest raw materials have been used in the construction of your fence. The suppliers of these raw materials state that they have a design life well in excess of 20 years. With this assurance we offer you a replacement warranty for any component of your new fencing if it fails within 10 years* from date of purchase.

10 YEAR WARRANTY

*2yr warranty within a 1500m sea spray zone.

Why Choose BelAire Slat Fencing?

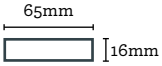
KEY FEATURES

See below our strength test of the BelAire 85 x 25 mm slat. Super strength was proven in this test when we loaded 69.3kgs onto the 85 x 25mm slat spanning 2400mm. The 65 x 16mm slat took a mere 30kgs before it crumpled to the ground. As you can see in the images below, the BelAire slat had a bow that was comparable to that of the 65mm slat even though the 16mm slat was only carrying 25.2kg.

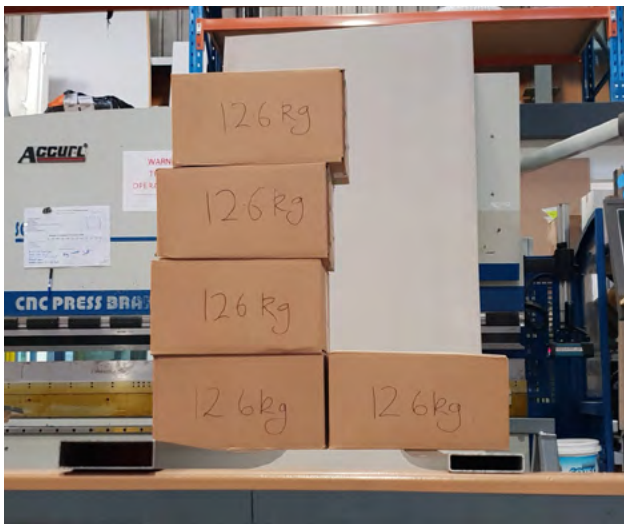
- No twisting, warping or rotting
- Looks the same as the day it was installed for many years
- Already finished to a colour of your choice
- Simple install
- Customisable and versatile to suit any landscape
- Horizontal or vertical options
- Lightweight but very durable
- Low maintenance
- Modern sleek look
- Adjustable gaps to suit your privacy needs
- Hidden fixings
- Made from 6061 T5 high tensile aluminium

BELAIRE SLAT vs TRADITIONAL 65 X 16MM SLAT

BelAire 85mm x 25mm Slat



Traditional 65mm x 16mm



HORIZONTAL SLAT FENCING

Post dimensions: 60 x 60 x 2mm or 90 x 90 x 3mm BMT

Slat profiles: 85mm x 25mm or 60mm x 25mm

Suitable for fence heights: 900mm – 2400mm

Post centres: 2410mm, 2710mm, 3010mm

***Based on 60mm x 60mm posts**

BelAire slat fencing is fully customisable. If there's a particular size or configuration you require, call us on 0800 235 2473 and we'll custom-make a fence just for you.

POWDER COAT COLOURS

Titania | Gull Grey | Slate Grey | Grey Friars | Ironsand | Flax | Ebony

STANDARD COLOUR RANGE FOR 85mm SLATS (BEST PRICES)

You can choose the same colour for your posts, channels and slats, or any combination you wish!

We can also powder coat the slats to any of the colours in the Dulux powder coating chart, found at: www.duluxpowdercoatings.co.nz

SLATS

Slat construction:
85 x 25mm (standard stocked size in 7 colours above)
60 x 25mm (standard stocked in ebony only)
1.6mm powder coated aluminium

It is important to note that our fencing, with 25mm wide slats, is superior in strength to some inferior fencing with 16mm wide slats.

Available in two heights – 85mm is our standard stocked size, and 60mm slats are available on request . The two types of slats can be used exclusively, or combined in any way you choose. Both can also be used either horizontally or vertically.

2330mm (length) x 85mm (height) x 25mm (width)

2630mm (length) x 85mm (height) x 25mm (width)

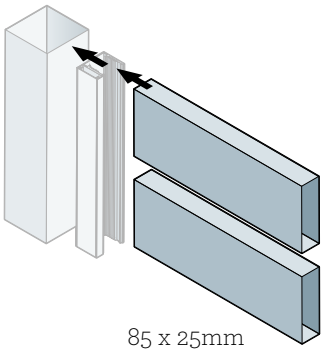
2930mm (length) x 85mm (height) x 25mm (width)

2330mm (length) x 60mm (height) x 25mm (width)

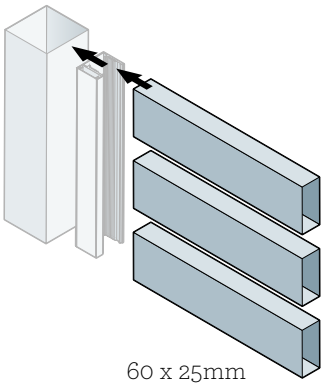
2630mm (length) x 60mm (height) x 25mm (width)

2930mm (length) x 60mm (height) x 25mm (width)

Refer to www.belairefencing.co.nz/aluminium-slat-fencing/ for slat testing examples



85 x 25mm



60 x 25mm
(only avaliable in ebony)

Horizontal Slat Panel 15

Code: BSHXXXX

Post Centres:
1545mm, 2410mm 2710mm, 3010mm

Fence Panel Heights:
1200, 1500, 1800, 2000mm

Slats:
85mm x 25mm

Slat Gaps
15mm

Horizontal Slat Panel 27

Code: BSHOXXXX

Post Centres:
1545mm, 2410mm, 2710mm, 3010mm

Fence Panel Heights:
1210, 1430, 1760, 1980mm

Slats:
85mm x 25mm

Slat Gaps
27mm

Horizontal Slat Panel Mixed

Code: BSHMXXXX

Post Centres:
2410mm, 2710mm, 3010mm

Fence Panel Heights:
1200, 1500, 1800, 2000mm

Slats:
Mix of 85 x 25mm & 60 x 25mm

Slat Gaps
15mm

Horizontal Slat Panel Solid/Open

Code: BSHS15XXXX

Post Centres:
2410mm, 2710mm, 3010mm

Fence Panel Heights:
1195, 1450, 1790, 1960mm

Slats:
85mm x 25mm

Slat Gaps
15mm (top slats only)

Horizontal Slat Panel Solid

Code: BSHSXXXX

Post Centres:
2410mm, 2710mm, 3010mm

Fence Panel Heights:
1190, 1445, 1785, 1955mm

Slats:
85mm x 25mm

Slat Gaps
0mm

*Measurments based on 60mm x 60mm posts

VERTICAL SLAT FENCING

Post dimensions: 60 x 60 x 2mm or 90 x 90, 3mm BMT

Slat profiles: 85mm x 25mm or 60mm x 25mm

Suitable for fence heights: 900mm – 2400mm

Post centres: 2410mm, 2710mm, 3010mm
***Based on 60mm x 60mm posts**

BelAire slat fencing is fully customisable. If there's a particular size or configuration you require, call us on 0800 235 2473 and we'll custom-make a fence just for you.

POWDER COAT COLOURS

Titania | Gull Grey | Slate Grey | Grey Friars | Ironsand | Flax | Ebony

STANDARD COLOUR RANGE FOR 85mm SLATS (BEST PRICES)

You can choose the same colour for your posts, channels and slats, or any combination you wish!

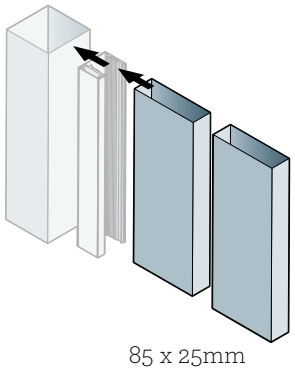
We can also powder coat the slats to any of the colours in the Dulux powder coating chart, found at: www.duluxpowdercoatings.co.nz

SLATS

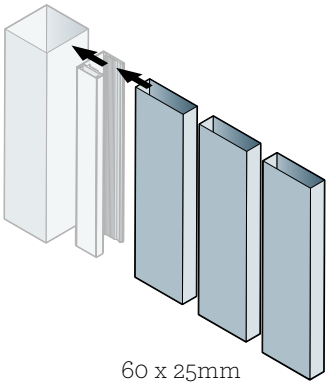
Slat construction:
85 x 25mm (standard stocked size)
60 x 25mm (available on request)

It is important to note that our fencing, with 25mm wide slats, is superior in strength to some inferior fencing with 16mm wide slats.

Available in two heights – 85mm is our standard stocked size, and 60mm slats are available on request . The two types of slats can be used exclusively, or combined in any way you choose. Both can also be used either horizontally or vertically.



85 x 25mm



60 x 25mm

2330mm (length) x 85mm (height) x 25mm (width)

2630mm (length) x 85mm (height) x 25mm (width)

2930mm (length) x 85mm (height) x 25mm (width)

2330mm (length) x 60mm (height) x 25mm (width)

2630mm (length) x 60mm (height) x 25mm (width)

2930mm (length) x 60mm (height) x 25mm (width)

Refer to www.belairefencing.co.nz/aluminium-slat-fencing/ for slat testing examples

BelAire® DESIGNER FENCING

Vertical Slat Panel 15

Code: BSVXXXX

Post Centres:
1860mm, 2160mm, 2410mm, 2710mm, 3010mm

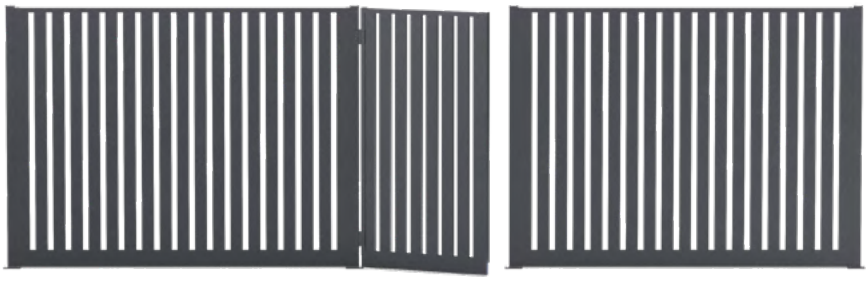
Fence Panel Heights:
1200, 1500, 1800, 2000mm

Slats:
85mm x 25mm

Slat Gaps
15mm

Vertical Slat Panel 39

Code: BSV0XXXX



Post Centres:
2410mm, 2710mm, 3010mm

Fence Panel Heights:
1200, 1500, 1800, 2000mm

Slats:
85mm x 25mm

Slat Gaps
39mm

Vertical Slat Panel Mixed

Code: BSVMXXXX

Post Centres:
2410mm, 2710mm, 3010mm

Fence Panel Heights:
1200, 1500, 1800, 2000mm

Slats:
Mix of 85 x 25mm & 60 x 25mm

Slat Gaps
15mm

Vertical Slat Panel Solid

Code: BSVSXXXX

Post Centres:
2380mm, 2720mm, 2970mm

Fence Panel Heights:
1200, 1500, 1800, 2000mm

Slats:
85mm x 25mm

Slat Gaps
0mm

*Measurments based on 60mm x 60mm posts

60X25MM HORIZONTAL & VERTICAL SLAT FENCING

Only availabe as standard in Ebony, powder coated colour options are available on request

Ebony

60 x 25mm Horizontal Slat Panel Code: BSH60XXXX

Post Centres:
1545mm, 2410mm 2710mm, 3010mm

Fence Panel Heights:
1200, 1500, 1800, 2000mm

Slats:
60mm x 25mm

Slat Gaps
10mm

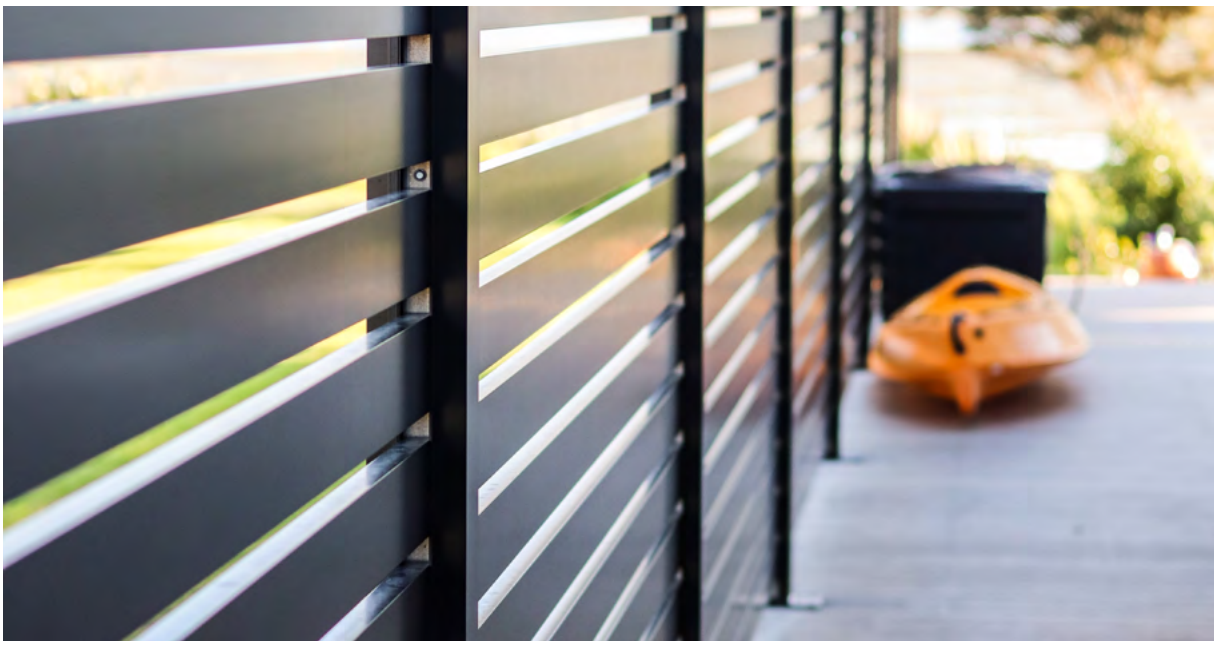
60 x 25mm Vertical Slat Panel Code: BSV60XXXX

Post Centres:
1860mm, 2160mm, 2410mm, 2710mm, 3010mm

Fence Panel Heights:
1200, 1500, 1800, 2000mm

Slats:
60mm x 25mm

Slat Gaps
25mm



SLAT FENCING COMPONENTS

IN-GROUND POSTS

Both slat and louvre fencing is supplied with 60mm x 60mm in-ground posts as standard.

The following posts are available as options:

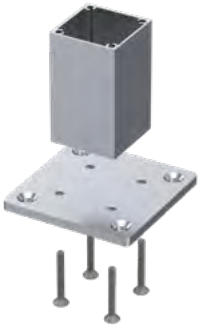
60 x 60mm
in-ground post
Code: IP6024XX

90 x 90mm
in-ground post
Code: IP9024XX

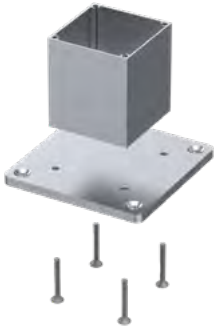
20° - 72° degree
in-ground adjustable angle post
Code: AIP6024

FLANGED BASE POSTS

SCREWED



120 x 120mm
Screw on flanged base
(60 x 60mm post)
Code: FP6020xx



160 x 160mm
Screw on flanged base
(90 x 90mm post)
Code: FP9020xx

WELDED

120 x 120mm
welded flanged base
(60 x 60mm post)
Code: FPPC6020

160 x 160mm
welded flanged base
(90 x 90mm post)
Code: FPPC9020

ADJUSTABLE ANGLE FLANGED BASE POSTS

20° - 72° degree
flanged adjustable angle base
Code: AFP6020

***The angle you require for the adustable flanged post will need to be specified when ordering.**

SLAT FENCING COMPONENTS

POST CAPS

FLUSH CAP

Plastic Cap
(on 60 x 60mm post)
Code: PC60PL

Plastic Cap
(on 90 x 90mm post)
Code: PC90PL

EXSPOSED CAP

Exposed Cap
(on 60 x 60mm post)
Code: PC60AL

Exposed Cap
(on 90 x 90mm post)
Code: PC90AL

ADJUSTABLE ANGLE CAP

Adjustable Angle Cap
Fully closed (20°)

Adjustable Angle Cap
Fully open (72°)

Code: ADJ PC60 A

Code: ADJ PC60 B

SLAT FENCING CHANNEL

25mm Channel
Code: BSLCH

25mm Channel Cover
Code: BSLCHC

46mm Channel
Code: BOBCH

46mm Channel Cover
Code: BOBCHC

SLATS

60 x 25mm Slat
Code: BSLXX60XX

85 x 25mm Slat
Code: BSLXX85XX

FACE FIXED VERTICAL SLAT FENCING

Post dimensions: 60 x 60mm or 90 x 90mm, 2mm BMT

Slat profile: 85mm x 25mm or 60mm x 25mm

Suitable for fence heights: 900 – 2400mm

Post centres: 1800mm

Commercial gas bottle storage area. Grey Friars vertical face fixed slat option. 2000mm high with Flanged fixed 90x90mm posts.

LOUVRE FENCING

Louvre Sizes:

2400mm (length) x 136mm (height) x 32mm (width)
to suit 2400mm panels

2700mm (length) x 136mm (height) x 32mm (width)
to suit 2700mm panels

3000mm (length) x 136mm (height) x 32mm (width)
to suit 3000mm panels

BelAire louvre fencing is fully customisable. If there's a particular size or configuration you require, call us on 0800 235 2473 and we'll custom-make a fence just for you.

You can choose the same colour for your posts, channels and slats, or any combination you wish!

We powder coat the louvres to any of the colours in the Dulux powder coating chart, found at: www.duluxpowdercoatings.co.nz

LOUVRE FENCE PANELS

Louvre Fence Height Options:

350mm (3 louvres), 600mm (5 louvres), 900mm (8 louvres)

1200mm (10 louvres), 1500mm (13 louvres), 1800mm (15 louvres)

Construction:

135mm high aluminium aerofoil louvre fence powder coated to your colour of choice.

BelAire® DESIGNER FENCING

MODULAR BIN AND UTILITY SCREENS

Great screens for hiding and securing those everyday around the house essentials that you don't want to been seen out in the open. Easy to install and available with flanged or inground posts in 7 different colour options.

Commonly used in medium and high density housing units.
Custom designs available.

Where Functionality Meets Eleglance

Designed with both functionality and aesthetics in mind, our enclosures provide a sleek and stylish solution to keeping your outdoor space neat and tidy.

Can't find the size to suit?

We also do custom size Uglees. Send us an email with your ideal dimensions and we'll make it!

Colour Options

TITANIA GULL GREY SLATE GREY IRONSAND GREY FRIARS FLAX EBONY

NEW ZEALAND MADE

BUILT WITH ALUMINIUM

UGLEE RANGE Sizing: WxDxH in mm

650 Mini

Size:
650x650x1160
0.46m³ 0.42m²
465 Litres

Can Fit:
Single 140L bin, Recycle bins, Outdoor seat cushions

650 Double

Size:
1100x650x1160
0.79m³ 0.71m²
785 Litres

Can Fit:
2 X 140L bins, Toys, Small pool pump, BBQs

650 Triple

Size:
1600x650x1160
1.2m³ 1.04m²
1144 Litres

Can Fit:
3 X 140L bins, Toys, Small bikes, Pool pump, BBQs

900 Open Top Horizontal

3 Sided 4 Sided

Size:
1600x900x1200
1.728m³ 1.44m²
1728 Litres

Can Fit:
2 X 240L bins, Toys, Small pool pump, BBQs

900 Open Top Vertical

3 Sided 4 Sided

Size:
1600x900x1200
1.728m³ 1.44m²
1728 Litres

Can Fit:
2 X 240L bins, Toys, Small pool pump, BBQs

For internal Uglee dimensions:
- Take 120mm off the width and depth of 650, 900, 850 and Shed units.
- Take 65mm off the width and 32mm off the depth of AC and Gas units.

UGLEE RANGE Sizing: WxDxH in mm

850 Mini

Size:
850x850x1160
0.79m³ 0.72m²
795 Litres

Can Fit:
Single 240L bin, Recycle bins, Outdoor toys

850 Double

Size:
1420x850x1160
1.32m³ 1.27m²
1328 Litres

Can Fit:
2 X 240L bins, Pool pumps, Bikes, BBQs, Toys, Cushions

850 Triple

Size:
2000x850x1160
1.87m³ 1.7m²
1870 Litres

Can Fit:
3 X 240L bins, Recycle bins, Toys, Bikes, Pool pumps

AC Small

Size:
1100x500x800 | 0.44m³ | 0.55m² | 440 Litres

Can Fit:
1 X Small AC unit

AC Large

Size:
1100x500x1000 | 0.55m³ | 0.55m² | 550 Litres

Can Fit:
1 X Large AC unit

Gas Bottle

Size:
1100x500x1650 | 0.90m³ | 0.55m² | 908 Litres

Can Fit:
Gas bottles, Large AC units

The Shed

Size:
2470x1300x2070 | 6.45m³ | 3.21m² | 5,800 Litres

Can Fit:
Firewood, Bikes, Lawn mowers, Garden tools, BBQs

Support Arm

(Optional extra)
Recommended for high wind zones

Code: UGSA

Bin Lid Cable

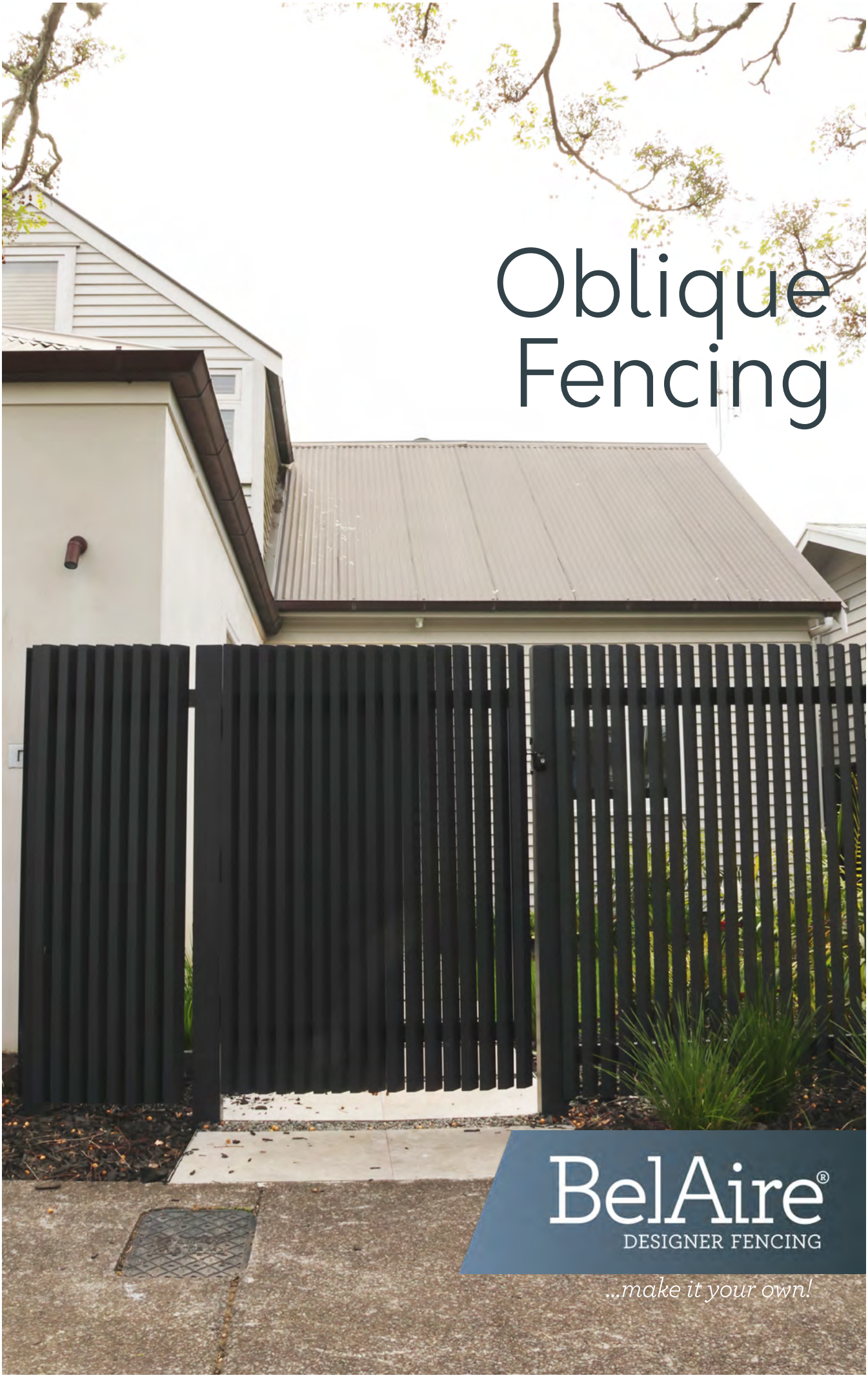
(Optional extra)

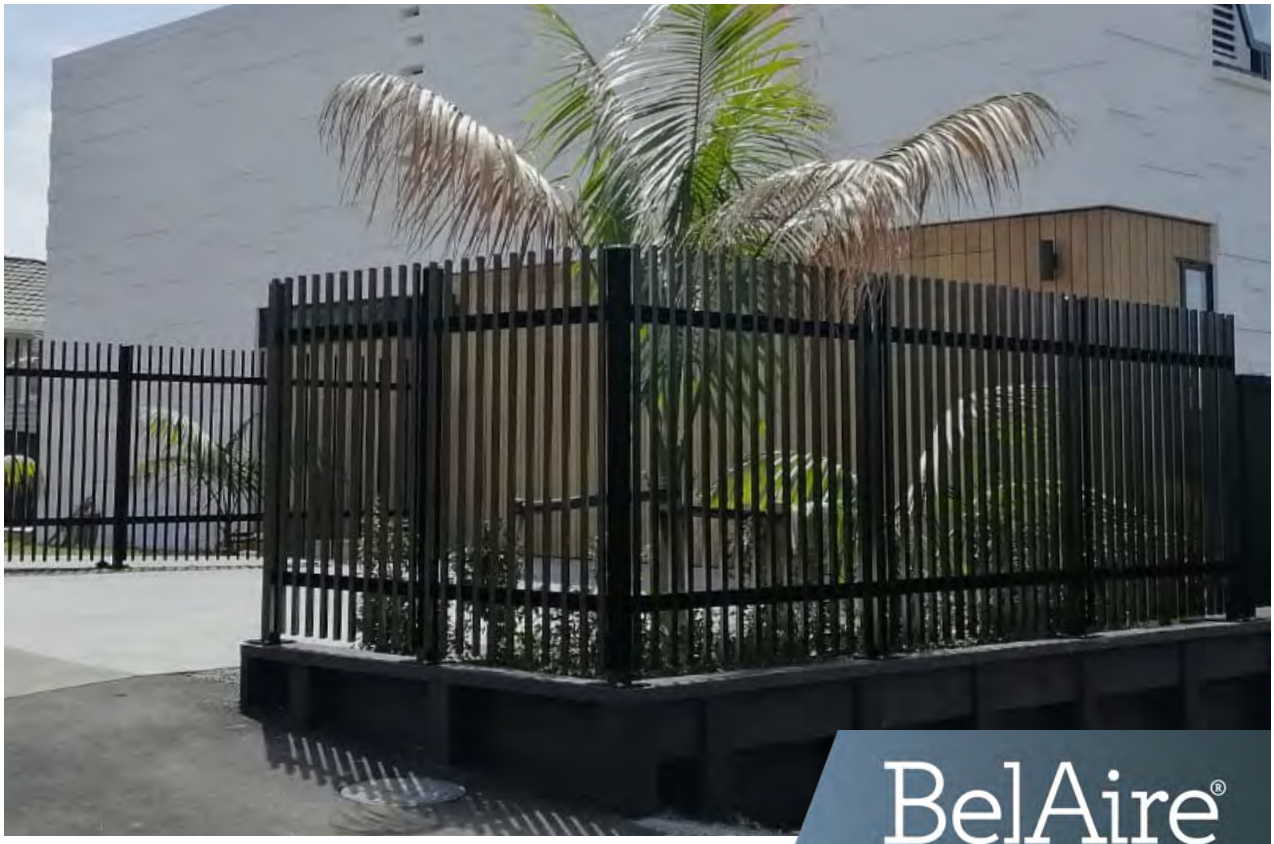
One cable must be ordered per bin.

Code: UGBLL

Uglee™ BUILT TO HIDE THE UGLY

SCAN ME!


Oblique
Fencing
BelAire®
DESIGNER FENCING
...make it your own!



...make it your own!

Oblique Fencing

PRIVACY AND VERSATILITY

The beauty of BelAire oblique fencing lies in its ability to make your property completely private when viewed from one direction, while it allows you to see through it from another. Keep your kids safe in the garden, while keeping an eye on them from the house. It's so versatile – with three heights and four configuration options you'll have every angle covered. And it can run along sloped boundary lines and uneven ground. (Check with us to see which configurations will best suit your requirements.)

With stunning architectural impact, BelAire oblique fencing will enhance your property and safeguard your family.

BUILT TO LAST

The powder-coated aluminium posts, channels and slats are very light, structurally very strong, and are supplied to you in classic Kiwi Dulux Flaxpod. BelAire oblique fencing can also be supplied in any Dulux powder coat colour (or combination of colours) of your choice at additional cost.

EASY INSTALLATION

BelAire oblique fencing is designed to be assembled with ease. The posts are simply concreted into post holes while the lightweight aluminium slats are perfect for difficult-to-access areas such as back yards or annexed ground.

We provide step-by-step self-install instructions that any competent DIY person should be able to follow, but if you'd rather get someone else to install it, we have a list of preferred installers throughout NZ. Call us on 0800 235 2473 and we will put you in touch with an installer in your area.

WARRANTY

10 YEAR WARRANTY

Be assured that with very little maintenance your fence will give you great privacy and security for many years to come. Only the finest raw materials have been used in the construction of your fence. The suppliers of these raw materials state that they have a design life well in excess of 20 years. With this assurance we offer you a replacement warranty for any component of your new fencing if it fails within 10 years from date of purchase.

OBLIQUE FENCING

Post dimensions: 60mm (deep) x 60mm (face) 2 mm SHS

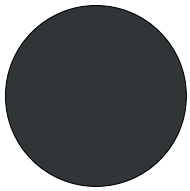
Oblique slat thickness: 25mm

Fence heights: 1200mm , 1500mm, 1800mm

Post centres: 1860mm, 2410mm

BelAire oblique fencing is fully customisable. If there's a particular size or configuration you require, call us on 0800 235 2473 and we'll custom-make a fence just for you.

POWDER COAT COLOUR



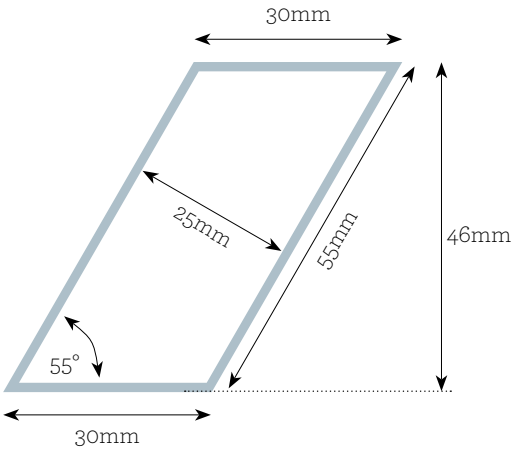
Flax

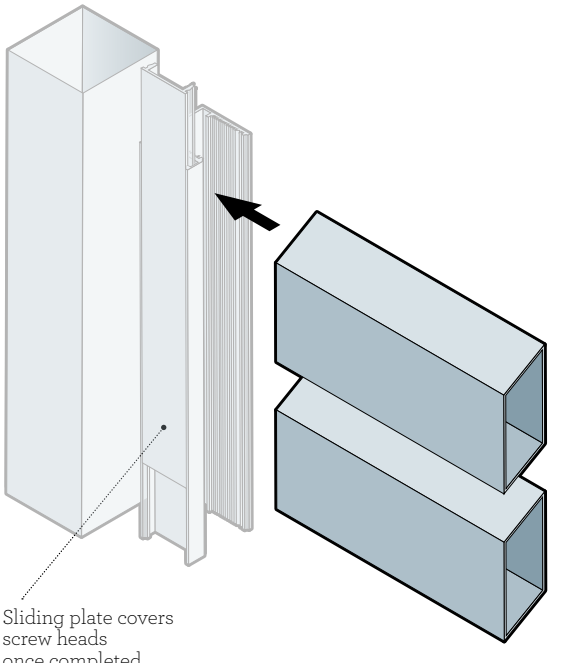
BelAire oblique fencing posts, channels and slats are supplied in powder coated Dulux Flaxpod. They can also be supplied in any Dulux powder coat colour of your choice at additional cost. The Dulux powder coating chart can be found at: www.duluxpowdercoatings.co.nz

You can choose the same colour for your posts, channels and oblique slats, or any combination you wish!

OBLIQUE SLATS

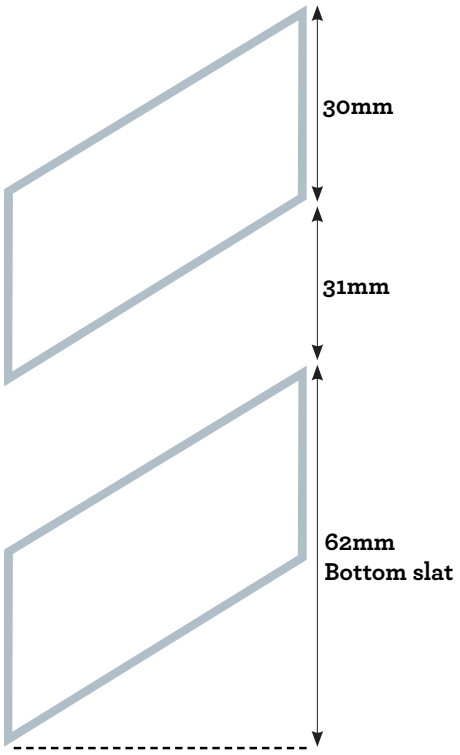
Oblique Slat Construction:
1.2mm powder-coated aluminium.

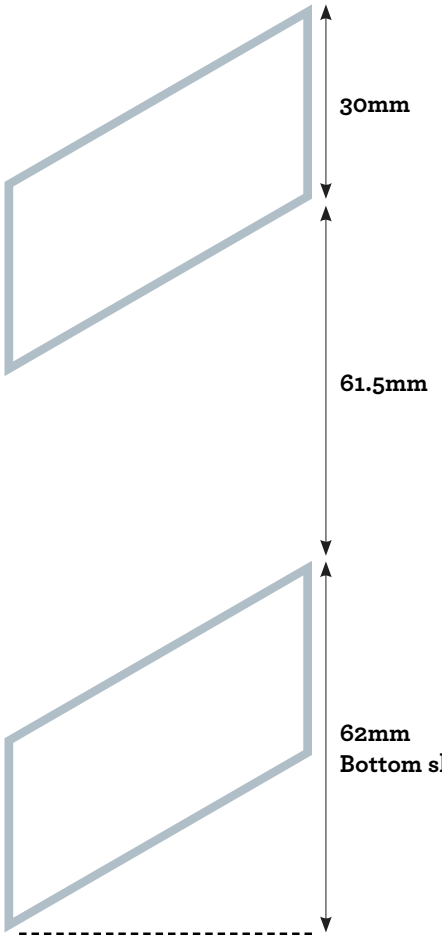


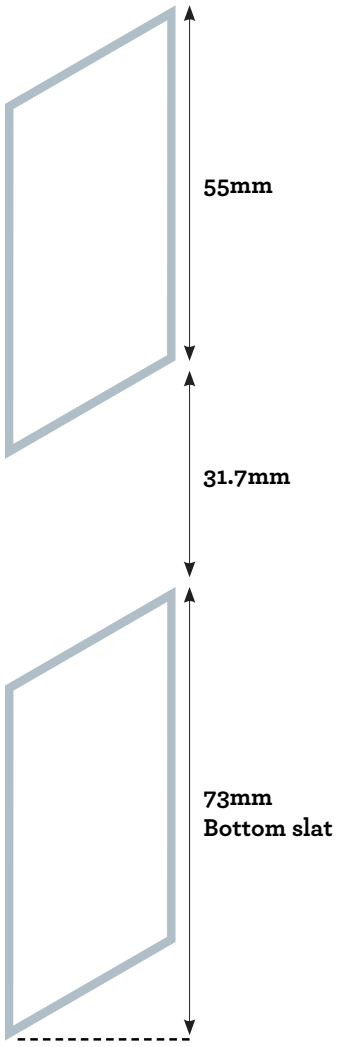


BelAire® DESIGNER FENCING

OBLIQUE SPACING

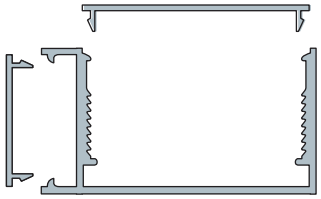






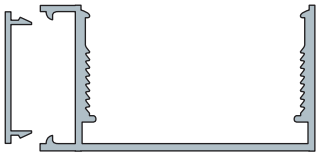
Oblique Channel & Double Cover per metre - Flax Colour
Used in face fix option

Code: **BOBCHPM-D**



Oblique Channel & Single Cover per metre - Flax Colour

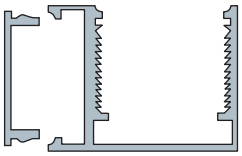
Code: **BOBCHPM-S**



Channel Size:
60mm Wide x 32mm High

Slat Channel & Cover Metre Rate - Flax Colour

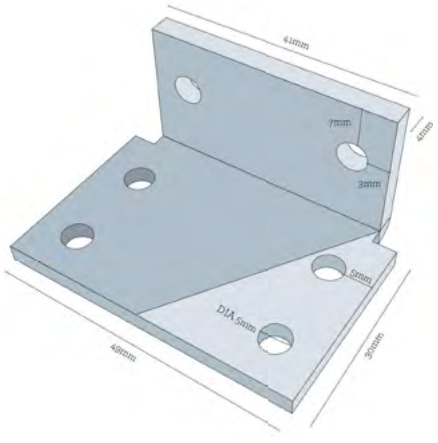
Code: **BSLCHPM-FX**



Channel Size:
39mm Wide x 32mm High

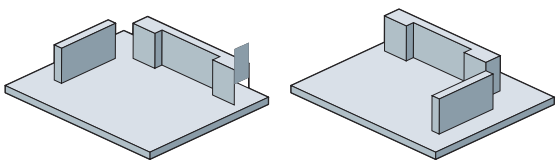
Oblique Bracket for Vertical mounted

Code: **BOBEB**



Oblique Black Channel Plastic End Cap 60x30 Left and Right

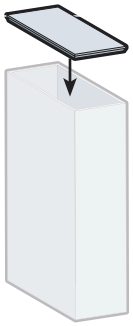
Code: **BOBCHECL**
Code: **BOBCHECR**



Oblique Black Slat Plastic End Caps Left and Right

Codes: **BOBSLECL BOBSLECR**

Black top and bottom caps are available to complete your face fixed fencing.

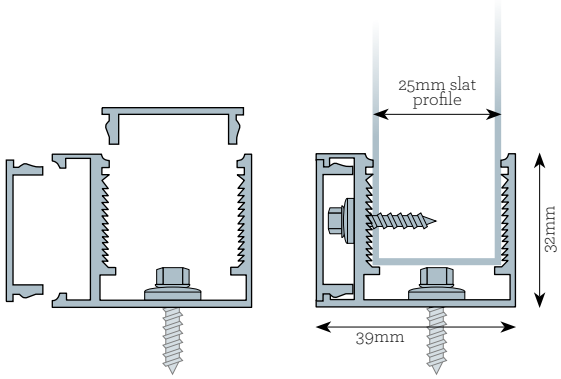


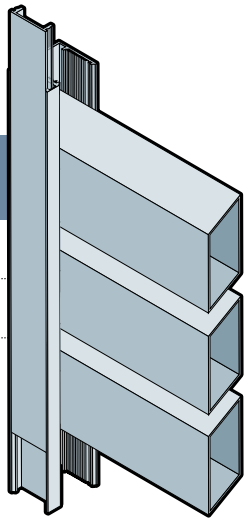
Oblique codes

1165mm length: **BOBSL1165**
1500mm length: **BOBSL15**
1800mm length: **BOBSL18**
2300mm length: **BOBSL23**

OBLIQUE FENCING CONFIGURATIONS

CHANNEL FIX / 25mm PROFILE

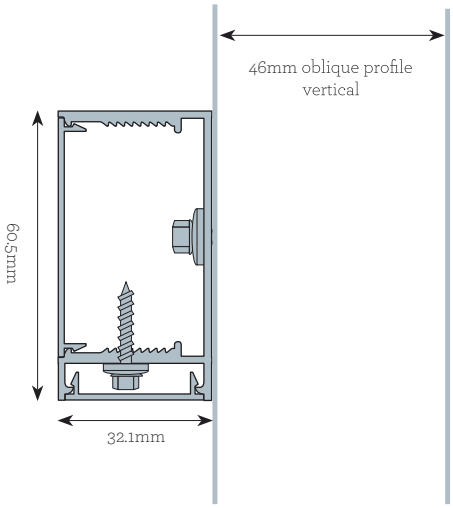


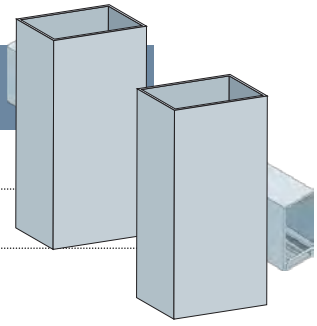


HORIZONTAL SLATS
55mm face + 31.7mm gap between slats (Allow 73mm for bottom slat)

BOP1224 H25	Height: **1200mm**	Width: **2350mm**	Slats: **14 @ 2330mm long**
BOP1524 H25	Height: **1460mm**	Width: **2350mm**	Slats: **17 @ 2330mm long**
BOP1824 H25	Height: **1720mm**	Width: **2350mm**	Slats: **20 @ 2330mm long**

VERTICAL FACE FIX

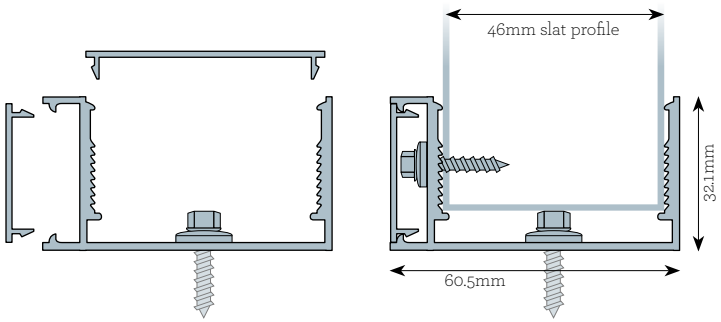




VERTICAL SLATS - ANGLE MOUNTED
30mm face + 61.5mm gap between slats

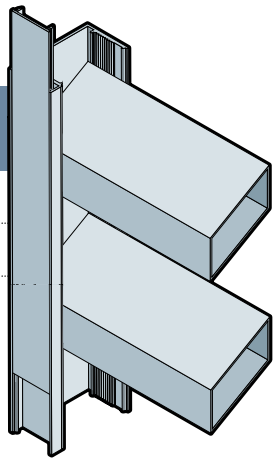
BOP1218 V46 FF	Height: **1165mm**	Width: **1800mm**	Slats: **20 @ 1165mm long**
BOP1518 V46 FF	Height: **1500mm**	Width: **1800mm**	Slats: **20 @ 1500mm long**
BOP1818 V46 FF	Height: **1800mm**	Width: **1800mm**	Slats: **20 @ 1800mm long**

OBLIQUE FENCING CONFIGURATIONS
CHANNEL FIX / 46mm PROFILE



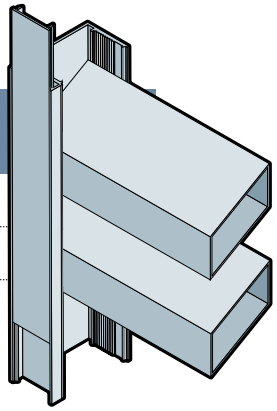
HORIZONTAL SLATS
30mm face + 61.5mm gap between slats (Allow 62mm for bottom slat)

BOP1224 H46	Height: 1160mm	Width: 2350mm	Slats: 13 @ 2330mm long
BOP1524 H46	Height: 1526mm	Width: 2350mm	Slats: 17 @ 2330mm long
BOP1824 H46	Height: 1800mm	Width: 2350mm	Slats: 20 @ 2330mm long



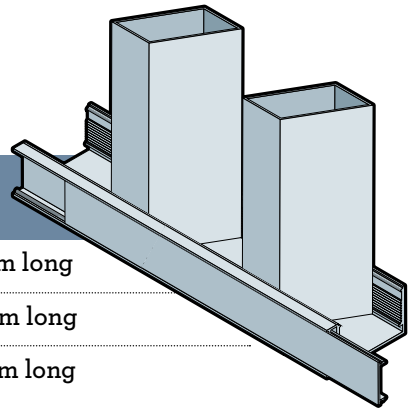
HORIZONTAL SLATS - FULL PRIVACY
30mm face + 31mm gap between slats (Allow 62mm for bottom slat)

BOP1224 H46 PVT	Height: 1160mm	Width: 2350mm	Slats: 19 @ 2330mm long
BOP1524 H46 PVT	Height: 1526mm	Width: 2350mm	Slats: 25 @ 2330mm long
BOP1824 H46 PVT	Height: 1831mm	Width: 2350mm	Slats: 30 @ 2330mm long



VERTICAL SLATS
30mm face + 61.5mm gap between slats

BOP1218 V46	Height: 1185mm	Width: 1800mm	Slats: 20 @ 1165mm long
BOP1518 V46	Height: 1500mm	Width: 1800mm	Slats: 20 @ 1480mm long
BOP1818 V46	Height: 1800mm	Width: 1800mm	Slats: 20 @ 1780mm long



BelAire Oblique Fencing **viewed from the road or driveway**

BelAire Oblique Fencing **viewed from your house or garden**

BelAire® DESIGNER FENCING

For maximum versatility, slats can face in different directions within one panel

OBLIQUE FENCING

Use horizontal slats to shade windows from sunlight,
or vertical slats for privacy from passers-by.

Sardona on Swayne

Sardona on Swayne epitomizes urban living with its innovative high-density design. Developed by Progressive Property, this cutting-edge project showcases the integration of vertical slat fencing, offering privacy without compromising aesthetics. These sleek fences not only delineate spaces but also enhance the modern architectural appeal. By prioritizing both functionality and style, Sardona on Swayne sets a new standard for contemporary living environments. Experience the perfect blend of sophistication and practicality in this dynamic urban oasis.

Project Specifications:

Vertical Slats Fencing
1200, 1500 and 1800mm high

96 Panels

Colour
Flax (matches Dulux Flaxpod)

BELAIRE SLAT FENCING IS F9 COMPLIANT FOR REISDENTIAL SWIMMING POOLS WHEN:

Fence is at least 1.8m high

Fence composed of horizontal slats

Gaps between slats are less than 10mm

Gap under fence is less than 100mm

Aurora Panel Fencing
Scan to view all BelAire fence drawings
BelAire®
DESIGNER FENCING
...make it your own!

...make it your own!

The New Aurora Panel

The introduction of Aurora aluminium fence panels marks a significant advancement in architectural design. With their sleek and modern appearance, these panels offer a fresh aesthetic to any property they adorn. Their clean lines and durable construction make them a popular choice for both residential and commercial applications.

Architects and designers appreciate the versatility of Aurora aluminium fence panels, as they can be customized to suit various styles and preferences. Whether its a contemporary urban landscape or a traditional suburban setting, these panels seamlessly blend in while adding a touch of sophistication.

Moreover, the durability of aluminium ensures that these fence panels not only enhance the visual appeal of a property but also provide long-lasting protection and security. Their resistance to corrosion and weathering makes them a low-maintenance option for property owners seeking both style and functionality.

Overall, the introduction of Aurora aluminium fence panels represents a shift towards modern architectural aesthetics, offering a stylish solution for enhancing the look and security of any property.

10 YEAR WARRANTY

Aurora Panel Fencing

DURABLE CONSTRUCTION

Made from high-quality aluminium, Aurora fence panels are built to withstand the elements and resist corrosion, ensuring long-lasting performance and minimal maintenance requirements. With guaranteed no shrinking, warping, twisting, rotting or rusting.

SLEEK DESIGN

With their modern and streamlined appearance, Aurora panels add a touch of elegance to any property. Their clean lines and smooth finish contribute to a contemporary architectural look.

CUSTOMISABLE

Aurora aluminium fence panels are available in various styles, heights, and colours, allowing for customization to suit specific design preferences and property requirements.

EASY INSTALLATION

Designed for straightforward installation, Aurora panels come in either a full kitset or assembled panels to make installation a breeze. Simple assembly instructions, make the installation process quick and hassle-free.

We provide step by step self-install instructions that any competent DIY person should be able to follow.

LOW MAINTENANCE

Unlike traditional fencing materials such as wood, aluminium requires minimal maintenance. Aurora panels are resistant to rust, fading, and warping, ensuring they retain their appearance over time without the need for frequent upkeep.

VERSATILITY

Whether used for residential yards, commercial properties, or public spaces, Aurora aluminium fence panels offer versatility in application. They can be installed around pools, gardens, or along property lines to provide security and enhance curb appeal.

ENVIRONMENTALLY FRIENDLY

Aluminium is a sustainable and recyclable material, making Aurora fence panels an eco-friendly choice for environmentally conscious consumers.

SECURITY

In addition to their aesthetic appeal, Aurora aluminium fence panels provide a secure barrier, deterring intruders and ensuring the safety of property occupants.

F9 COMPLIANCE

The Aurora Panel system has been designed and engineered to be compliant to F9 for surrounding swimming pools. PS1's available on request.

F4 COMPLIANCE

The Aurora Panel system has been designed and engineered to be compliant to F4 for when there is a fall of over 1000mm. PS1's available on request.

Aurora Panel

THE POOL/BALUSTRADE PANEL

Post Centers: 1650mm

Fence Panel Heights: 950, 1200, 1500, 1800mm

Slats Sizes: 60 x 25mm

Assembled Panel Codes: ABPA1016, APPA1216, APPA1516, APPA1816

Kitset Panel Codes: ABPK1016, APPK1216, APPK1516, APPK1816

Colour Options: Ebony

Custom colour options available

EACH PANEL CONTAINS

14 x 60x25mm Slats cut to suit desired height.

14 x 60 x 25mm Slat end caps

2 x 1650 Oblique channels with channel caps

64 Tek screws per panel

Posts: Posts need to be ordered separately

Posts: 60 x 60mm Mid posts 90 x 90mm corner posts

Available in 4 different panel designs

THE LANDSCAPE PANEL

Post Centers: 1980mm

Fence Panel Heights: 1200, 1500, 1800mm

Slat Sizes: 60 x 25mm

Assembled Panel Codes: ALPA1220, ALPA1520, ALPA1820

Kitset Panel Codes: ALPK1220, ALPK1520, ALPK1820

Colour Options: Ebony

Custom colour options available

EACH PANEL CONTAINS

17 x 60x25mm Slats cut to suit desired height.

17 x 60 x 25mm Slat end caps

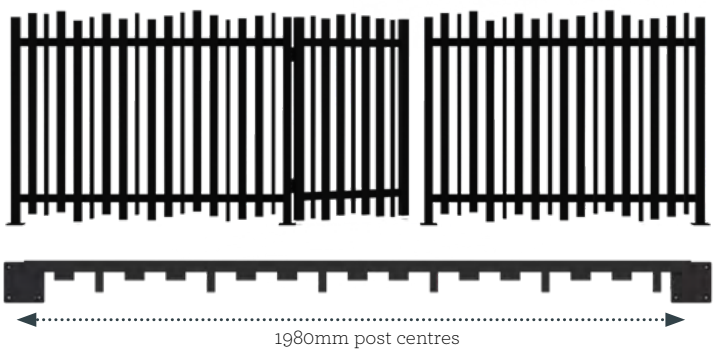
2 x 1980 Oblique channels with channel caps

76 Tek screws per panel

Posts: Posts need to be ordered separately

Posts: 60 x 60mm Mid posts 90 x 90mm corner posts

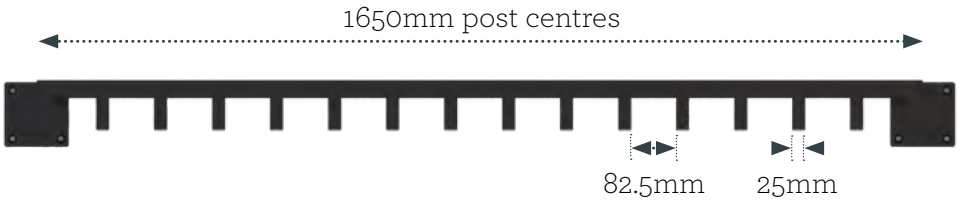
Available in 6 different panel designs



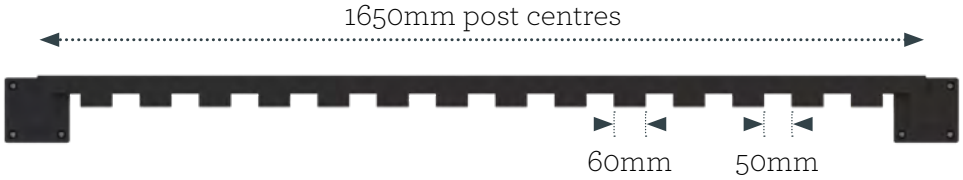
Slat Spacing

POOL

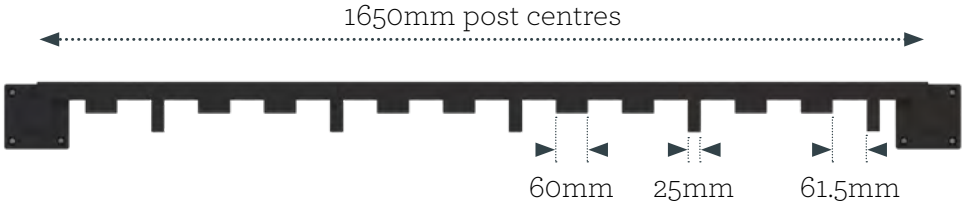
P72



P49

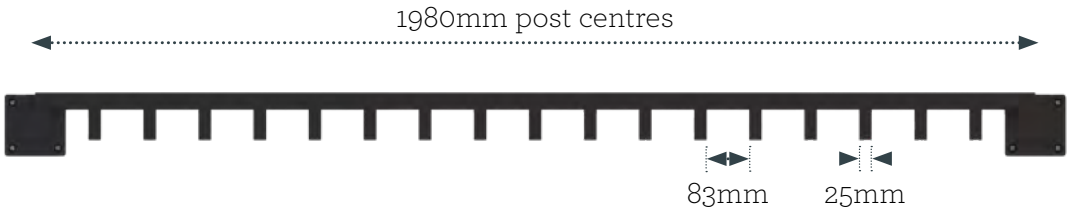


P60/
P60S

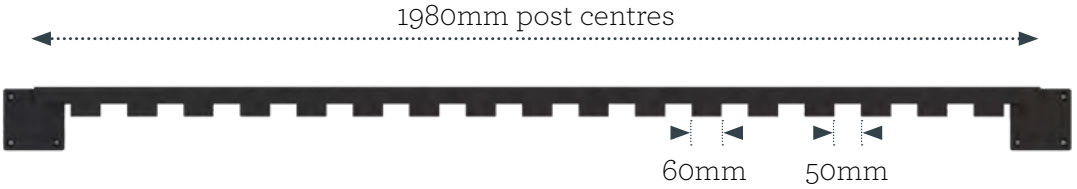


LANDSCAPE

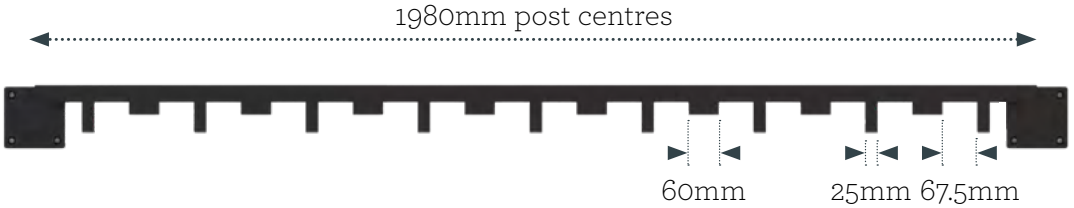
L79



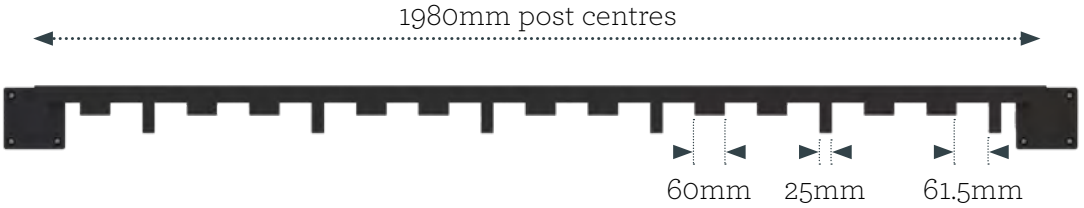
L47



L63/
L63S

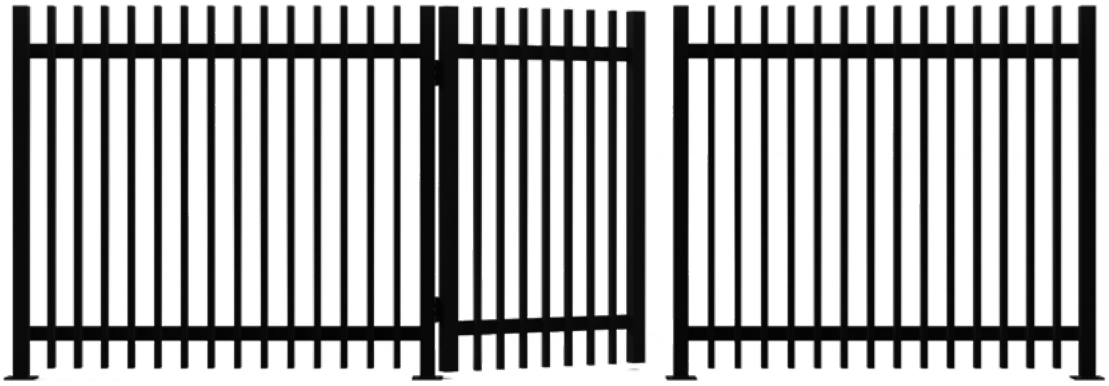


L58/
L58S



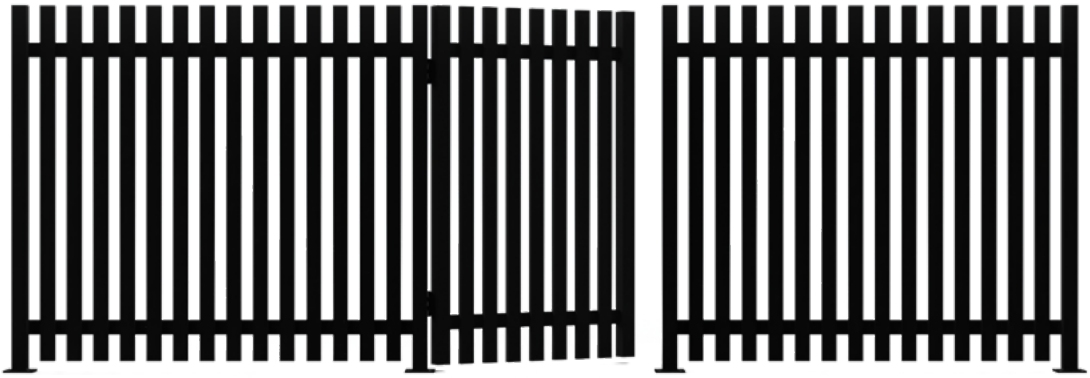
Pool Panel Designs

PANEL DESIGN P72



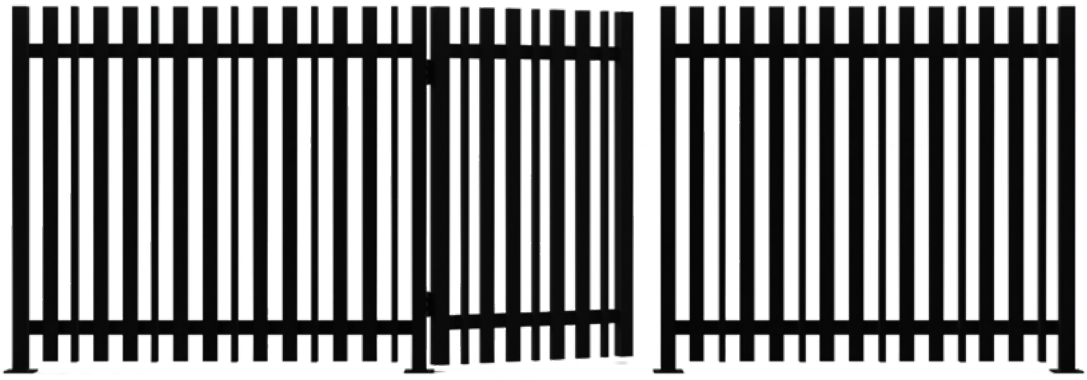
72% Permeability

PANEL DESIGN P49



49% Permeability

PANEL DESIGN P60



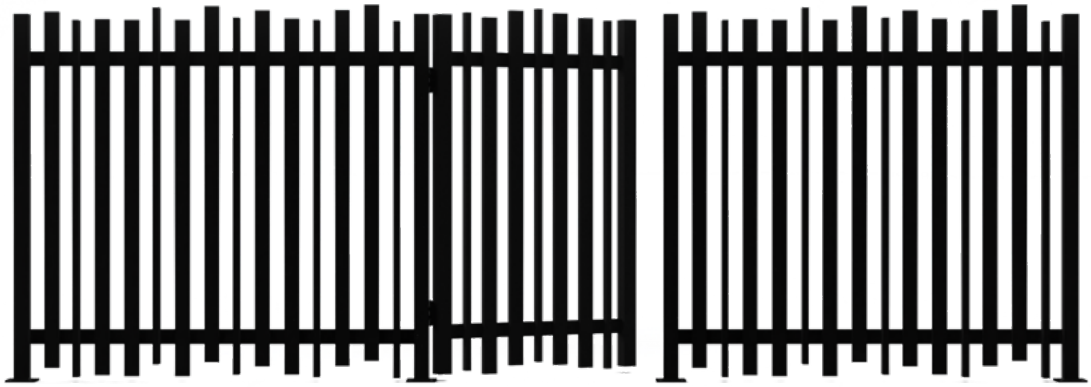
60% Permeability

PS1's available for pool fencing

KITSET PANEL or PRE-MADE PANELS?

Both the Pool and Landscape panels can be made into any of the following designs. When purchasing, you may either order in a full kitset panel to be assembled by yourself or order as a pre-made panel. Gates come pre-assembled.

PANEL DESIGN P60S (Staggered Design)



60% Permeability

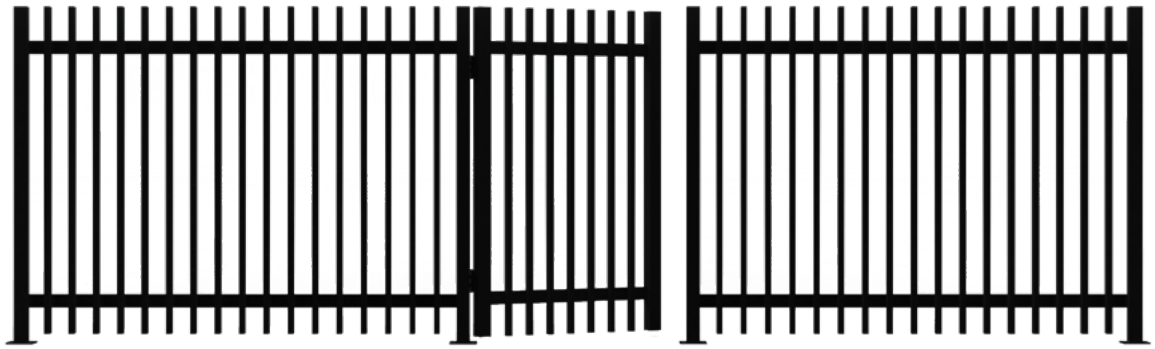
* If you are making your panels with a kitset to surround a pool area please ensure you assemble the panels to comply with Building code F9. You will find the document online here...

  Copy Link:
  https://www.building.govt.nz/building-code-compliance/f-safety-of-users/pool-safety/

PS1's available for pool fencing

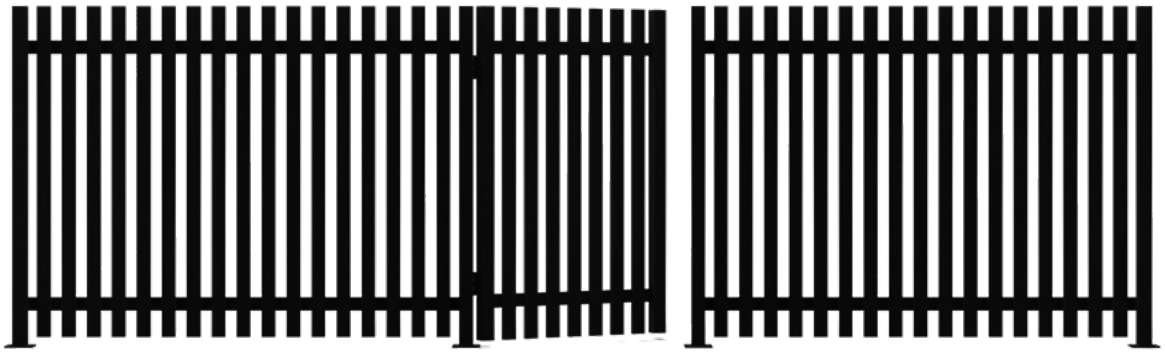
Landscape Panel Designs

PANEL DESIGN L79



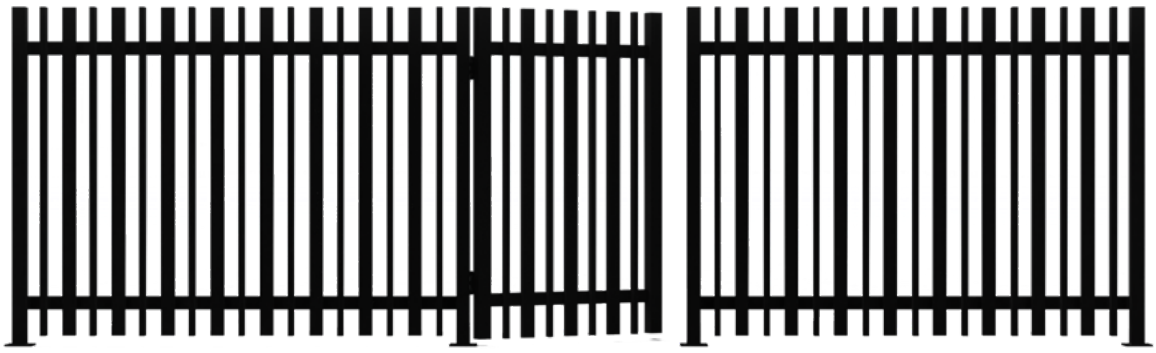
79% Permeability

PANEL DESIGN L47



47% Permeability

PANEL DESIGN L63

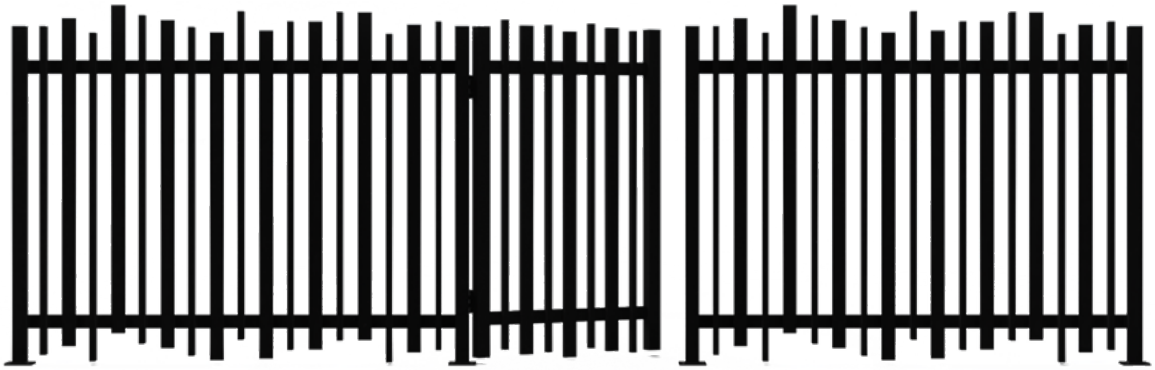


63% Permeability

KITSET PANEL or PRE-MADE PANELS?

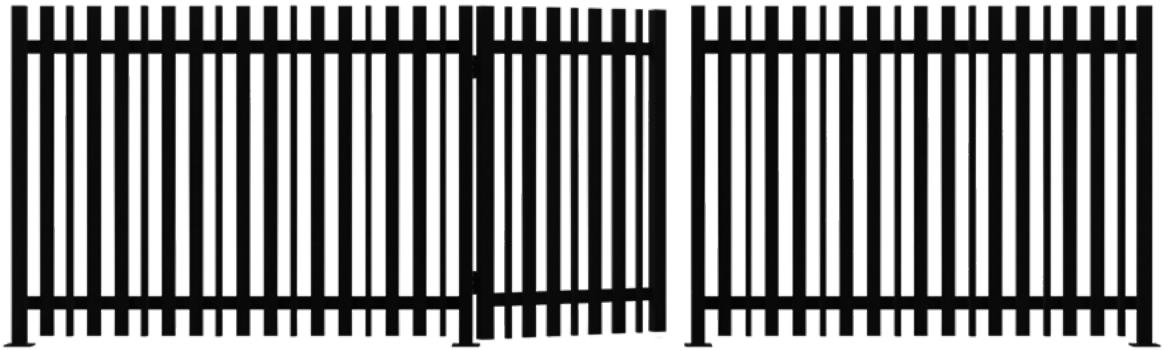
Both the Pool and Landscape panels can be made into any of the following designs. When purchasing, you may either order in a full kitset panel to be assembled by yourself or order as a pre-made panel. Gates come pre-assembled.

PANEL DESIGN L63S (Staggered Design)



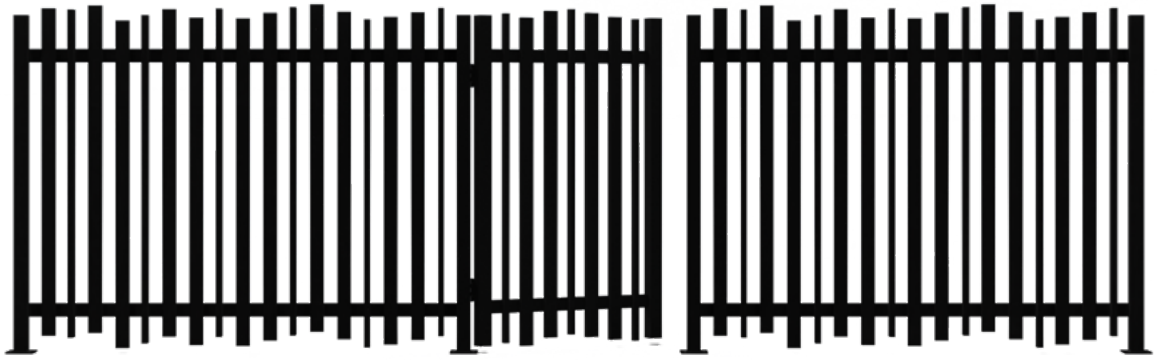
63% Permeability

PANEL DESIGN L58



58% Permeability

PANEL DESIGN L58S (Staggered Design)



58% Permeability

Solid Panel Fencing

Scan to view all
BelAire fence drawings

BelAire®
DESIGNER FENCING

...make it your own!

Solid Acoustic Panel Fencing

In today's world, noise reduction is one of the leading concerns across New Zealand homeowners. The BelAire range of acoustic fences and noise barriers have been specifically engineered to meet the acoustic demands of our modern world.

We handle a variety of noise reduction concerns; from general neighbourhood noise, to road noise, to high-performance noise absorption enclosures for pool pumps and HVAC units. On average, our acoustic fences and road noise barriers typically achieve a 20-30dB reduction (depending on noise source and noise type), which equates to a quartering of loudness.

Understanding 'loudness', or the human perception of sound, can be tricky; but you can test just how much difference this makes with the simple help of a video and its volume controls. First, watch the video at 100% volume. Then, reduce the volume to 25%; this is the potential noise reduction that our acoustic fences offer.

Put the controls back into your hands; turn down the volume of loud neighbours and traffic noise today.

ACOUSTIC FENCING

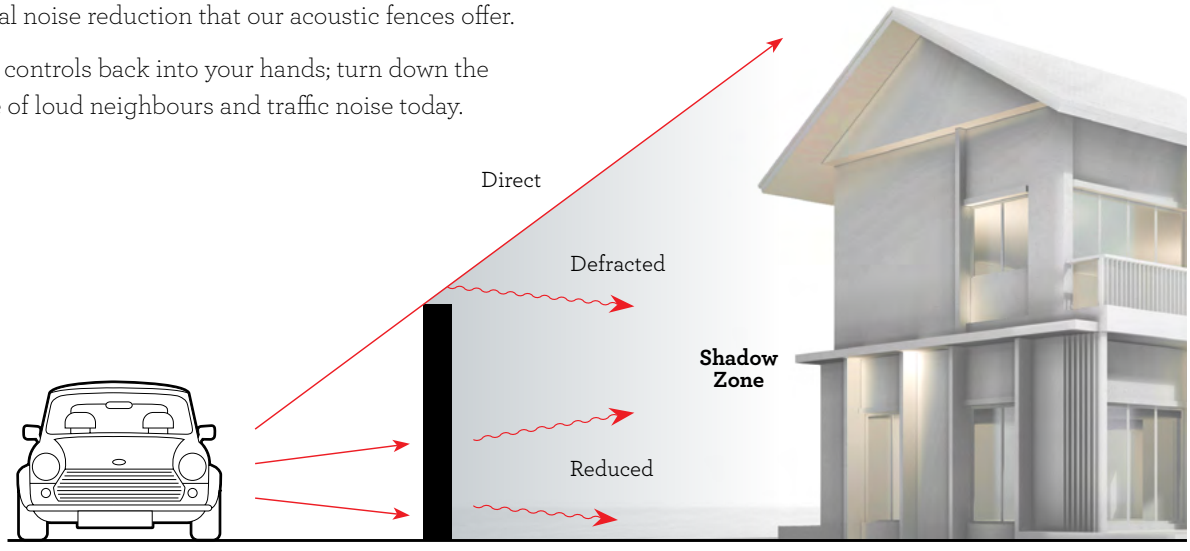
BelAire solid wall systems are acoustically tested and rated, keeping all unwanted surrounding noises at bay and providing peace and quiet for your home.

ECO FRIENDLY

Our innovative products are made of recyclable materials, with our manufacturing processes reducing emitted and embodied CO_2 by up to 80%.

NZ MADE

All BelAire walls products are NZ designed and manufactured to strict international quality standards.



BelAire®
DESIGNER FENCING

...make it your own!

Solid Panel Fencing

MODULAR SYSTEM

BelAire solid panel fencing is the most advanced modular fencing system available in New Zealand today.

DESIGNED BY YOU

With the Classic, Signature and Estate styles to choose from, you can design your fence to suit your lifestyle. Our fences and posts are all fully paintable so that you can complement or match the colour of your property.

You can also add stylish slat, louvre, tubular or glass infills, plus there is a choice of flush or exposed capping for posts and panels – the options for your fence are only limited by your imagination.

COST-EFFECTIVE

BelAire solid panel fencing has all the properties of a block wall at a fraction of the cost and mess!

BUILT TO LAST

Our pre-primed, galvanized, high-tensile support posts are very light yet structurally very strong. Our EPS/fibre cement panels are designed to withstand the typical demands placed on a fence in any environment.

EASY (DIY) INSTALLATION

Our fences are designed to be assembled with ease. There is no need for heavy construction and digging equipment, or cranes – BelAire panels can be easily handled by two people. They are easy to install in difficult-to-access areas such as back yards or annexed ground.

We provide step by step self-install instructions that any competent DIY person should be able to follow, but if you'd rather get someone else to install it, we have a list of preferred installers throughout NZ. Call us on 0800 235 2473 and we will put you in touch with an installer in your area.

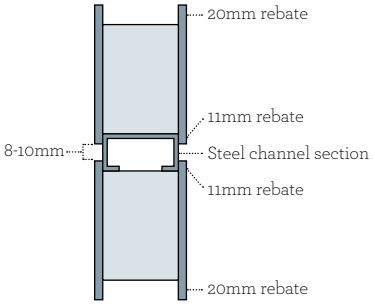
WARRANTY

New Zealand-made with a 5-year warranty period. Be assured that with very little maintenance your fence will give you great privacy and security for many years to come. Only the finest raw materials have been used in the construction of your fence. The suppliers of these raw materials state that they have a design life well in excess of 20 years. With this assurance we offer you a replacement warranty for any component of your new fencing if it fails within 5 years* from date of purchase.

*2yr warranty within a 1500m sea spray zone.

EXPOSED JOIN OR CLOSED JOIN?

An exposed join is recommended – it is more forgiving if you haven't quite got the panels 100% level, and also gives a much more attractive result.

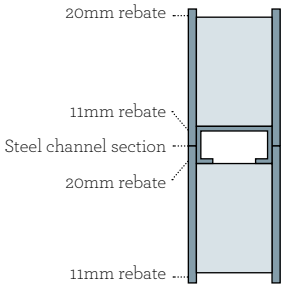


<< How to achieve a exposed join

Insert the steel channel section into the 11mm rebate in the panels

How to achieve a Closed join >>

Insert the steel channel section into the 20mm rebate in the bottom panel



NOISE BARRIER

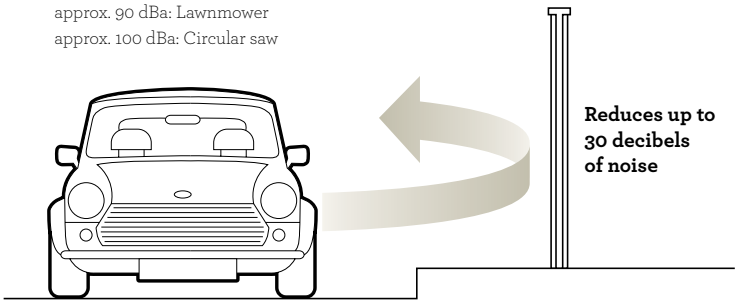
Our patented solid Poly-fibre cement composite sandwich panels are designed to reflect noise. The acoustic performance of this product was evaluated by the Acoustics Research Group at the University of Canterbury and a comprehensive report is available on request.

TYPICAL TRAFFIC NOISE – 12m from road edge

approx. 60 dBa: 2-lane urban road, 6,000 vehicles per day @ 50kph
approx. 68 dBa: 4-lane motorway, 25,000 vehicles per day @ 100kph

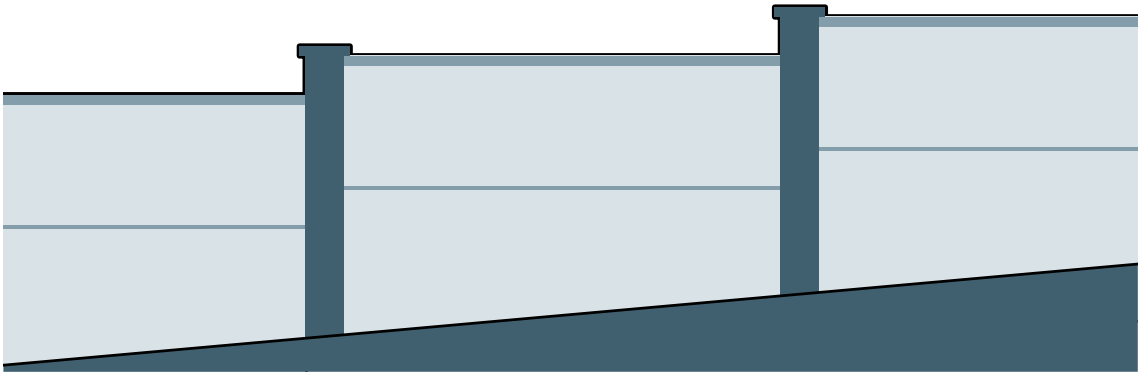
TYPICAL OTHER NOISE

approx. 90 dBa: Lawnmower
approx. 100 dBa: Circular saw



THE ALL-TERRAIN FENCE

BelAire solid panels can be easily cut using a circular saw with a timber blade. This will allow you to easily and neatly follow the terrain of your property.



CLASSIC

Post dimensions: 120mm (deep) x 180mm (face) 0.95 mm BMT

Panel thickness: 50mm

Density of composite panel materials: 15.49kg/m^2

Suitable for fence heights: 900mm – 2400mm

Post centres: 2530mm, 2830mm

The Classic fence is the most cost effective of the styles and most commonly used in residential boundary/ screening fence applications. Suitable for less challenging terrain, this style of fence will provide great sound reduction qualities. Also suited to lower fence designs – 1200mm and 1500mm high.

SIGNATURE

Post dimensions: 140mm (deep) x 280mm (face) 0.95 mm BMT

Panel thickness: 70mm

Density of composite panel materials: 15.49kg/m^2

Suitable for fence heights: 900mm – 3000mm

Post centres: 2630mm, 2930mm

The Signature fence, our most popular line, is most commonly used where a true masonry wall look is desired, or in a commercial and residential security/ sound fence application. The fence has superb sound reduction qualities (National Acoustic Laboratory tested).

ESTATE

Post dimensions: 210mm (deep) x 320mm (face) 0.95 mm BMT

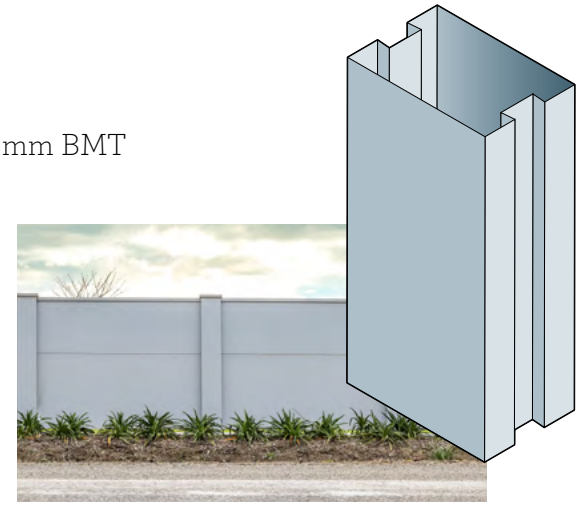
Panel thickness: 70mm

Density of composite panel materials: 15.49kg/m^2

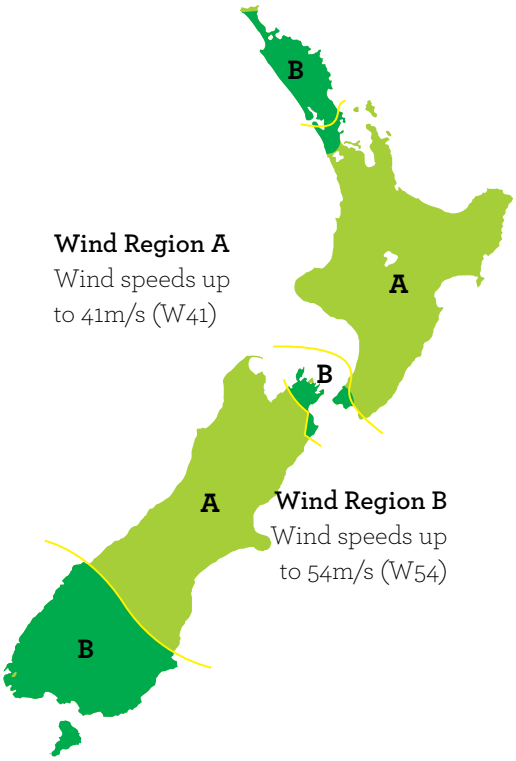
Suitable for fence heights: 900mm – 3000mm

Post centres: 2670mm, 2970mm

The Estate fence is most commonly used where a 'Grand' masonry wall look is desired. The post face is equivalent to a brick and a half in width, and the fence has superb sound reduction qualities (National Acoustic Laboratory tested).



CLASSIC
SPECIFICATIONS



Wind Region A
Wind speeds up to 41m/s (W41)

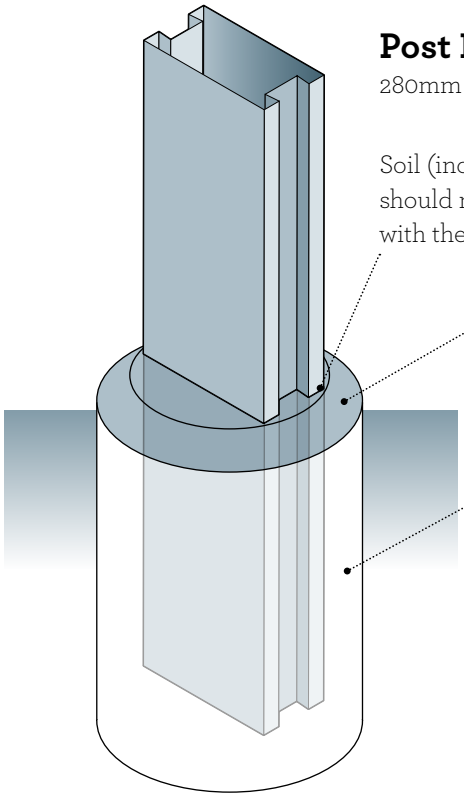
Wind Region B
Wind speeds up to 54m/s (W54)

Centre to Centre Guide

Panel Length		Post Hole Centres
2400mm	>	2530mm
2700mm	>	2830mm

Post Hole Depth Guide Wind Regions A&B

Hole Depth Into Firm Earth or Clay		Fence Height		Hole Depth Into Sand, Soft Clay or Loose Earth
450mm	>	900mm	>	550mm
550mm	>	1200mm	>	650mm
600mm	>	1500mm	>	700mm
650mm	>	1800mm	>	800mm
700mm	>	2100mm	>	900mm
800mm	>	2400mm	>	1000mm

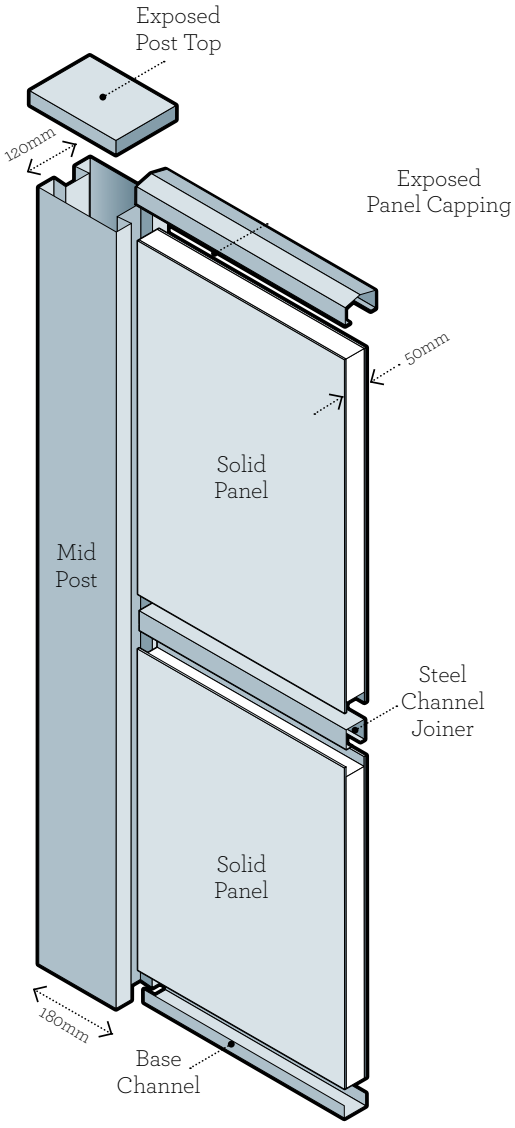


Post Hole Width:
280mm min (all wind regions)

Soil (including garden fill) should not be placed in contact with the steel post

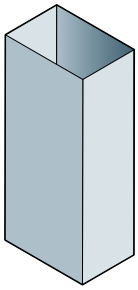
Top of concrete should be sloped away from post for water drainage

Grade of concrete N20 with maximum size of aggregate 20mm. Concrete shall be compacted after placement inside footing hole.

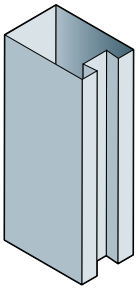


CLASSIC
PRE-PRIMED STEEL COMPONENTS

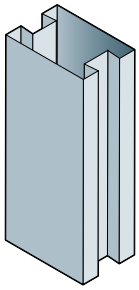
Pillar
120mm (deep) × 180mm (face) × length subject to fence height plus post hole depth



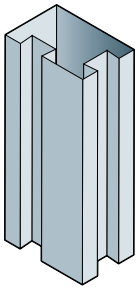
End Post
120mm (deep) × 180mm (face) × length subject to fence height plus post hole depth



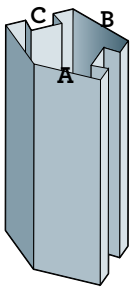
Mid Post
120mm (deep) × 180mm (face) × length subject to fence height plus post hole depth



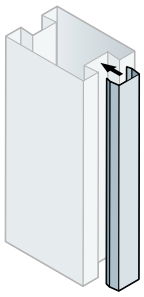
90° Post
120mm (deep) × 180mm (face) × length subject to fence height plus post hole depth



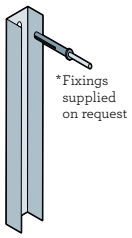
45°/Custom Angle Post
115mm (A) × 117mm (B) × 120mm (C) × length subject to fence height plus post hole depth



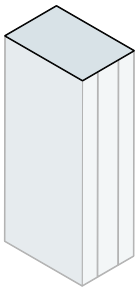
Post Infill
30mm (deep) × 50mm (face) × length subject to fence height



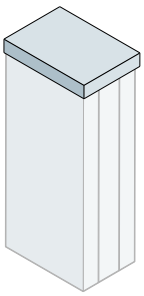
Wall Mount Channel & Masonry Anchor*
30mm (deep) × 52mm (back face) × length subject to fence height



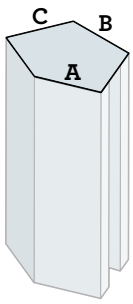
Flush Post Top
120mm (deep) × 180mm (face) × 20mm (leg height)



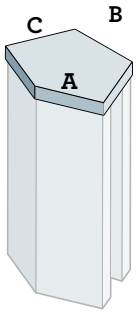
Exposed Post Top
170mm (deep) × 240mm (face) × 40mm (height)



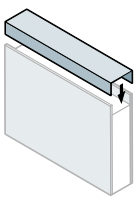
Flush 45° Post Top
110mm (A) × 115mm (B) × 118mm (C) × 20mm (leg height)



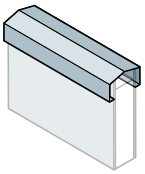
Exposed 45° Post Top
145mm (A) × 145mm (B) × 155mm (C) × 40mm (height)



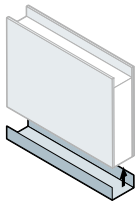
Flush Panel Capping
20mm (leg height) × 51mm (top face) × length subject to panel length



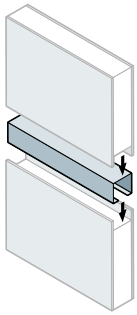
Exposed Panel Capping
45mm (leg height) × 80mm (top face) × length subject to panel length



Base Channel
20mm (leg height) × 51mm (face) × length subject to panel length

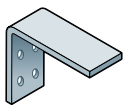


Steel Channel Joiner
30mm (deep) × 40mm (face) × length subject to panel length



Tek Screw
10/16 galvanised tek screw 16mm (length)

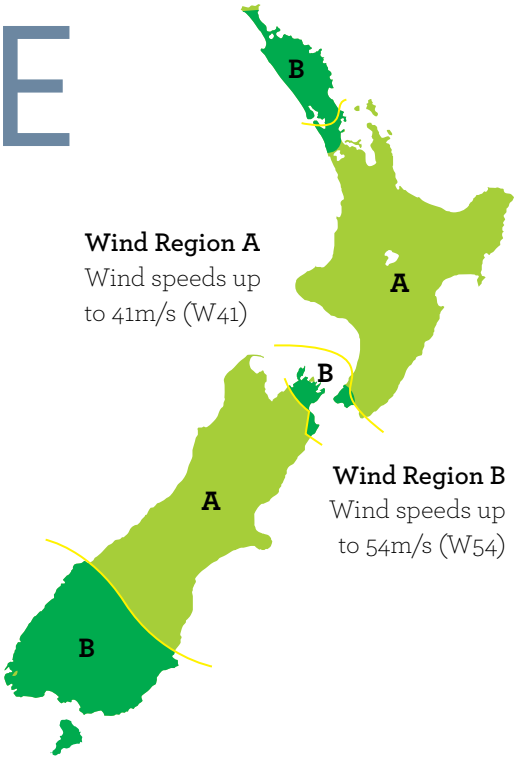
Support Bracket
35mm (deep) × 40mm (face with holes) × 48mm (wide)



CLASSIC INFILL PANELS

Slat and **Aurora** are also available to enhance your fencing. Please refer to the individual infill pages later in this section.

SIGNATURE
SPECIFICATIONS



Wind Region A
Wind speeds up to 41m/s (W41)

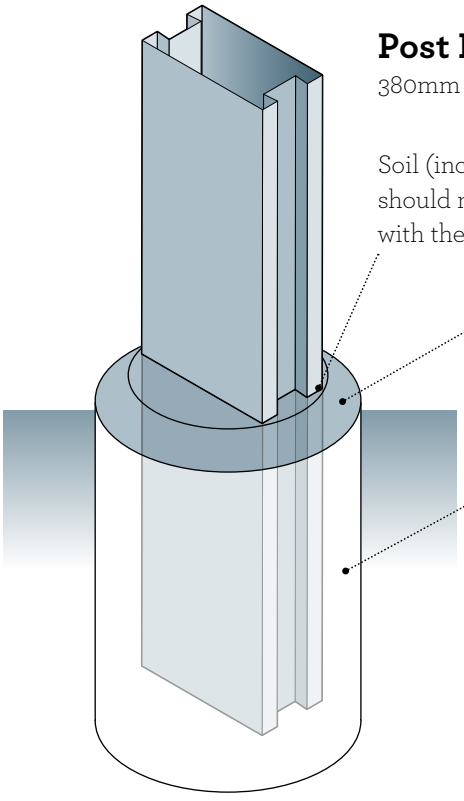
Wind Region B
Wind speeds up to 54m/s (W54)

Centre to Centre Guide

Panel Length		Post Hole Centres
2400mm	>	2630mm
2700mm	>	2930mm

Post Hole Depth Guide Wind Regions A&B

Hole Depth Into Firm Earth or Clay		Fence Height		Hole Depth Into Sand, Soft Clay or Loose Earth
450mm	>	900mm	>	550mm
550mm	>	1200mm	>	650mm
600mm	>	1500mm	>	700mm
650mm	>	1800mm	>	800mm
700mm	>	2100mm	>	900mm
800mm	>	2400mm	>	1000mm
900mm	>	2700mm	>	1100mm
1000mm	>	3000mm	>	1200mm

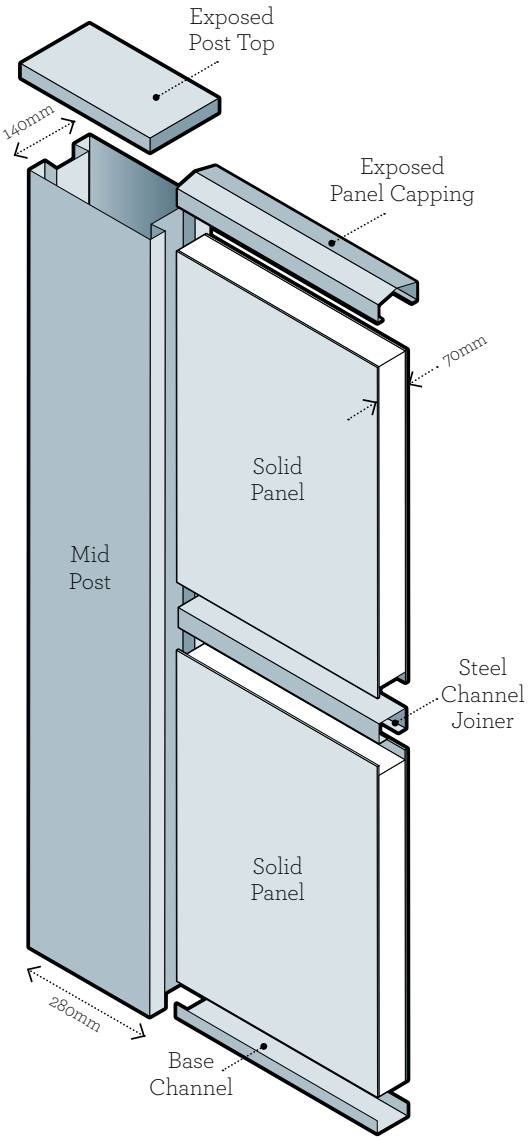


Post Hole Width:
380mm min (all wind regions)

Soil (including garden fill) should not be placed in contact with the steel post

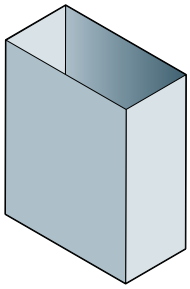
Top of concrete should be sloped away from post for water drainage

Grade of concrete N20 with maximum size of aggregate 20mm. Concrete shall be compacted after placement inside footing hole.

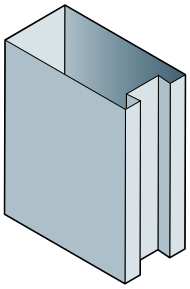


SIGNATURE
PRE-PRIMED STEEL COMPONENTS

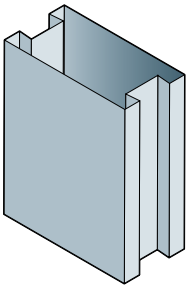
Pillar
140mm (deep)
× 280mm (face)
× length subject to fence height plus post hole depth



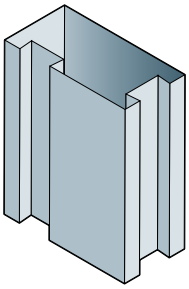
End Post
140mm (deep)
× 280mm (face)
× length subject to fence height plus post hole depth



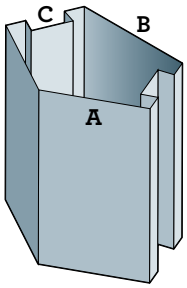
Mid Post
140mm (deep)
× 280mm (face)
× length subject to fence height plus post hole depth



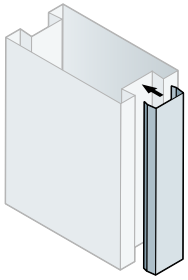
90° Post
140mm (deep)
× 280mm (face)
× length subject to fence height plus post hole depth



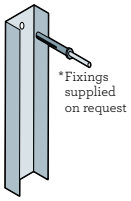
45°/Custom Angle Post
170mm (A) x 205mm (B)
× 137mm (C)
× length subject to fence height plus post hole depth



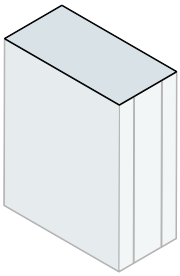
Post Infill
30mm (deep)
× 70mm (face)
× length subject to fence height



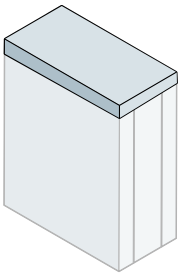
Wall Mount Channel & Masonry Anchor*
30mm (deep)
× 72mm (back face)
× length subject to fence height



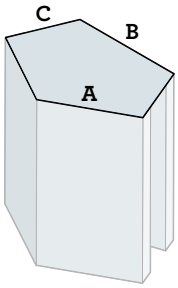
Flush Post Top
140mm (deep)
× 280mm (face)
× 20mm (leg height)



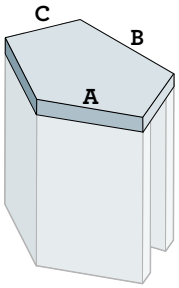
Exposed Post Top
190mm (deep)
× 330mm (face)
× 40mm (height)



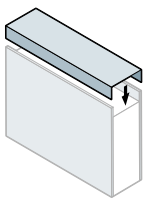
Flush 45° Post Top
165mm (A) × 199mm (B)
× 139mm (C)
× 20mm (leg height)



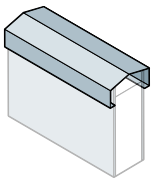
Exposed 45° Post Top
200mm (A) × 230mm (B)
× 180mm (C)
× 40mm (height)



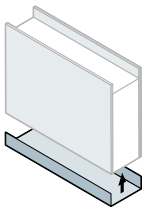
Flush Panel Capping
20mm (leg height)
× 71mm (top face)
× length subject to panel length



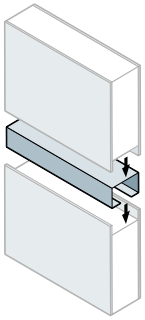
Exposed Panel Capping
55mm (leg height)
× 100mm (top face)
× length subject to panel length



Base Channel
20mm (leg height)
× 71mm (face)
× length subject to panel length

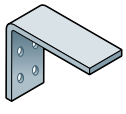


Steel Channel Joiner
30mm (deep) × 60mm (face)
× length subject to panel length



Tek Screw
10/16 galvanised tek screw
16mm (length)

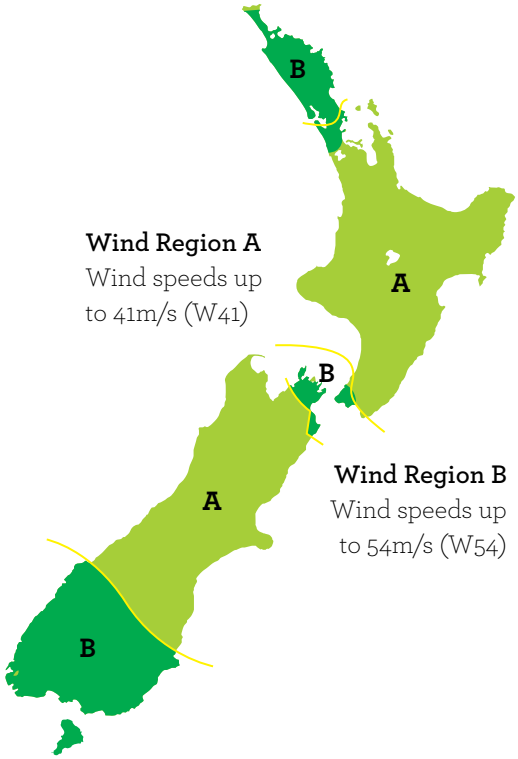
Support Bracket
40mm (deep)
× 60mm (face with holes) × 78mm (wide)



SIGNATURE INFILL PANELS

Slat, Louvre, Aurora and **Glass Infills** are also available to enhance your fencing. Please refer to the individual infill pages later in this section.

ESTATE
SPECIFICATIONS



Wind Region A
Wind speeds up to 41m/s (W41)

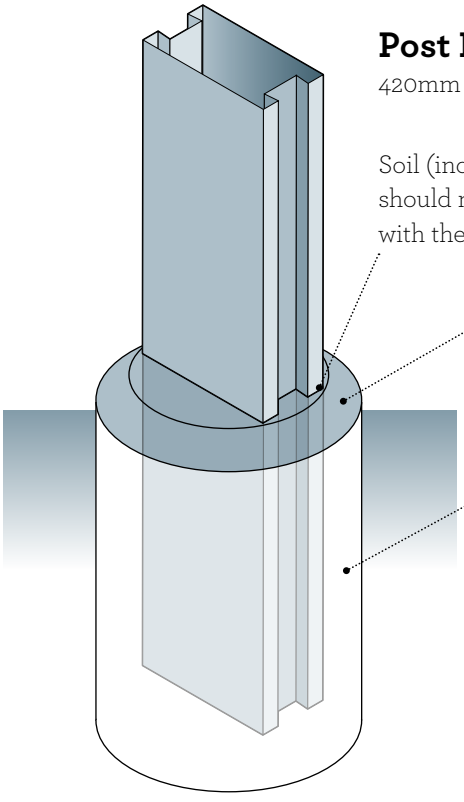
Wind Region B
Wind speeds up to 54m/s (W54)

Centre to Centre Guide

Panel Length		Post Hole Centres
2400mm	>	2670mm
2700mm	>	2970mm

Post Hole Depth Guide Wind Regions A&B

Hole Depth Into Firm Earth or Clay		Fence Height		Hole Depth Into Sand, Soft Clay or Loose Earth
450mm	>	900mm	>	550mm
550mm	>	1200mm	>	650mm
600mm	>	1500mm	>	700mm
650mm	>	1800mm	>	800mm
700mm	>	2100mm	>	900mm
800mm	>	2400mm	>	1000mm
900mm	>	2700mm	>	1100mm
1000mm	>	3000mm	>	1200mm

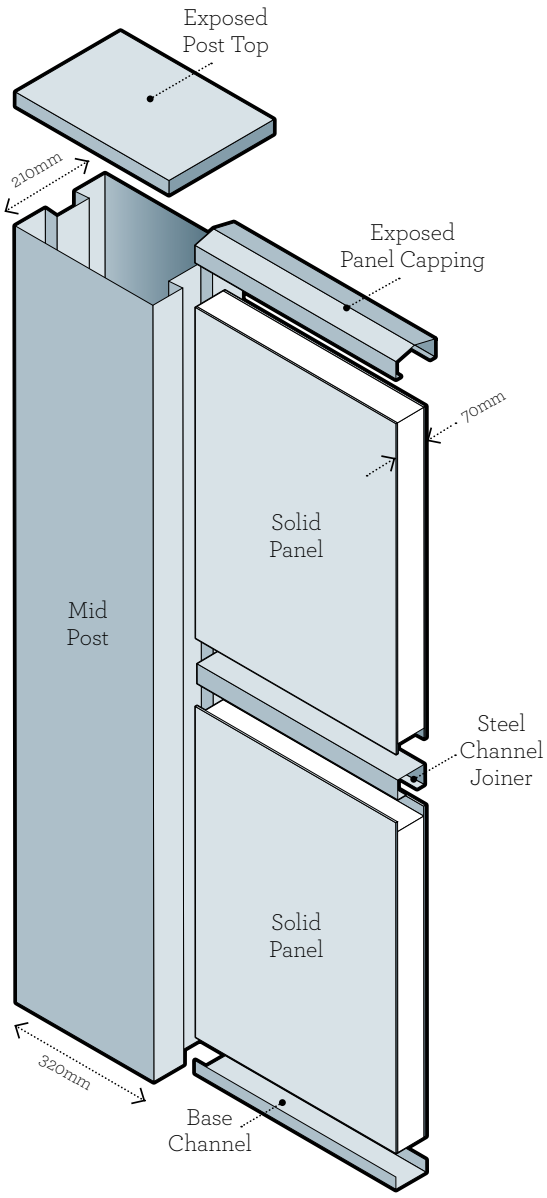


Post Hole Width:
420mm min (all wind regions)

Soil (including garden fill) should not be placed in contact with the steel post

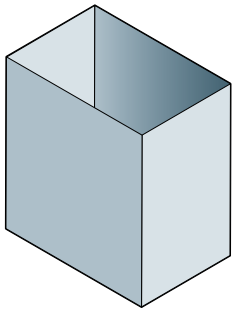
Top of concrete should be sloped away from post for water drainage

Grade of concrete N20 with maximum size of aggregate 20mm. Concrete shall be compacted after placement inside footing hole.

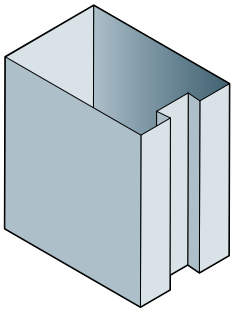


ESTATE
PRE-PRIMED STEEL COMPONENTS

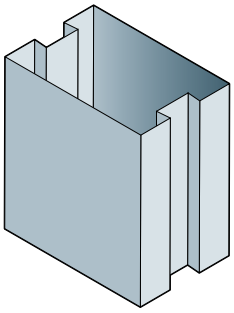
Pillar
210mm (deep)
× 320mm (face)
× length subject to fence height plus post hole depth



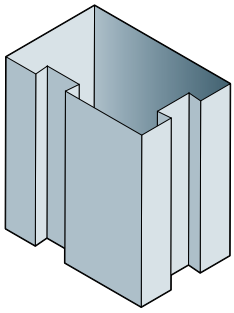
End Post
210mm (deep)
× 320mm (face)
× length subject to fence height plus post hole depth



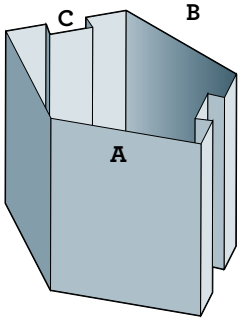
Mid Post
210mm (deep)
× 320mm (face)
× length subject to fence height plus post hole depth



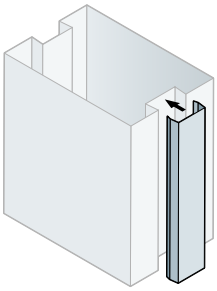
90° Post
210mm (deep)
× 320mm (face)
× length subject to fence height plus post hole depth



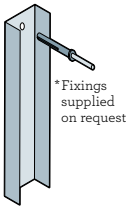
45°/Custom Angle Post
207mm (A) x 220mm (B)
× 210mm (C)
× length subject to fence height plus post hole depth



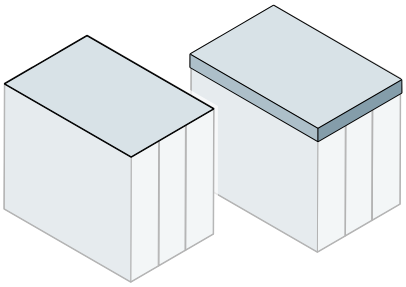
Post Infill
30mm (deep)
× 70mm (face)
× length subject to fence height



Wall Mount Channel & Masonry Anchor*
30mm (deep)
× 72mm (back face)
× length subject to fence height

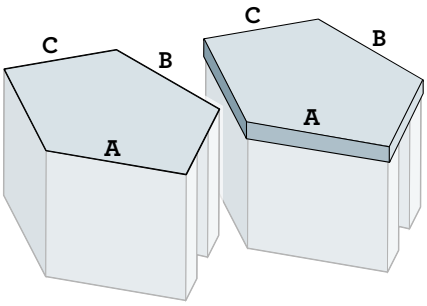


Flush Post Top
210mm (deep)
× 320mm (face)
× 20mm (leg height)



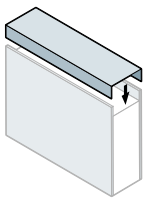
Exposed Post Top
260mm (deep)
× 370mm (face)
× 40mm (height)

Flush 45° Post Top
202mm (A) × 215mm (B)
× 208mm (C)
× 20mm (leg height)

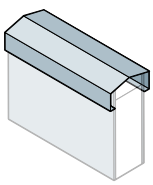


Exposed 45° Post Top
237mm (A) × 250mm (B)
× 260mm (C)
× 40mm (height)

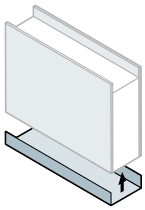
Flush Panel Capping
20mm (leg height)
× 71mm (top face)
× length subject to panel length



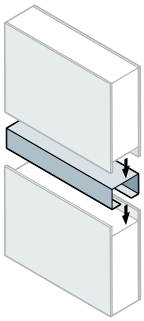
Exposed Panel Capping
55mm (leg height)
× 100mm (top face)
× length subject to panel length



Base Channel
20mm (leg height)
× 71mm (face)
× length subject to panel length

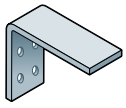


Steel Channel Joiner
30mm (deep) × 60mm (face)
× length subject to panel length



Tek Screw
10/16 galvanised tek screw
16mm (length)

Support Bracket
40mm (deep)
× 60mm (face with holes) ×
78mm (wide)



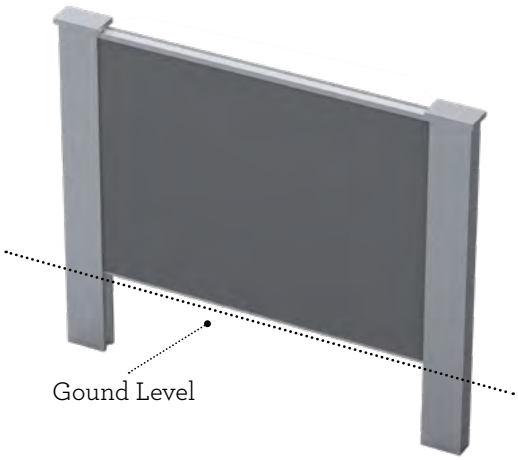
ESTATE INFILL PANELS

Slat, Louvre, Aurora and **Glass Infills** are also available to enhance your fencing. Please refer to the individual infill pages later in this section.

SOLID WALL CAPPING OPTIONS

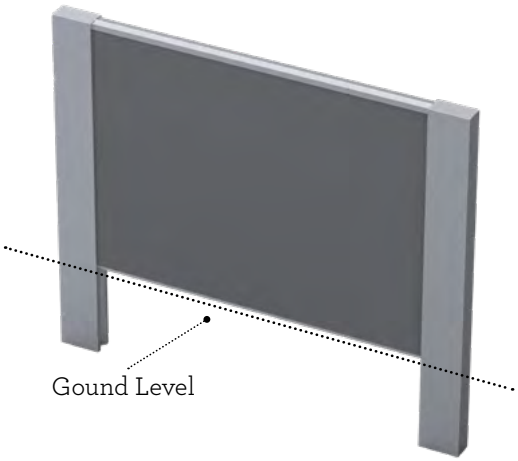
FULL EXPOSED CAP

Exposed caps for panels and posts, will give your fence a timeless look.



EXPOSED PANEL CAPS

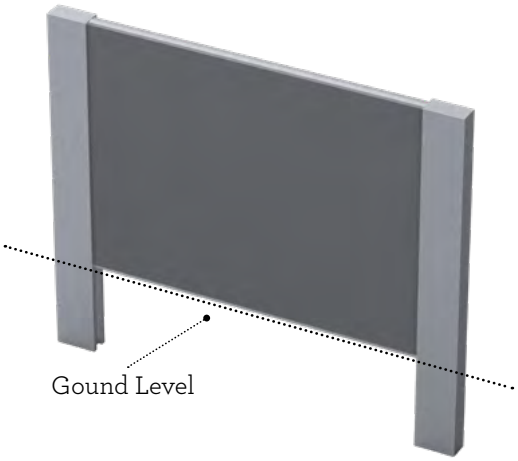
Exposed panels caps with flush post caps, for sleek style.



BelAire® DESIGNER FENCING

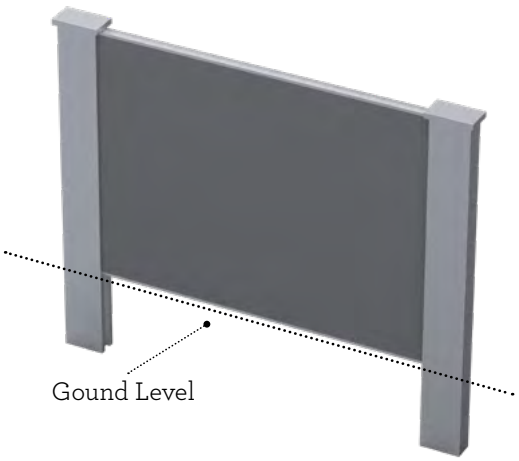
FLUSH CAP

Flush capping for panels and posts,
for a minimalist modern look.



EXPOSED POST CAPS

Exposed posts caps with flush panel
caps, for a basic style.



CLASSIC PANELS

SOLID PANELS

Construction:
5mm fibre cement outer skins
40mm expanded polystyrene core

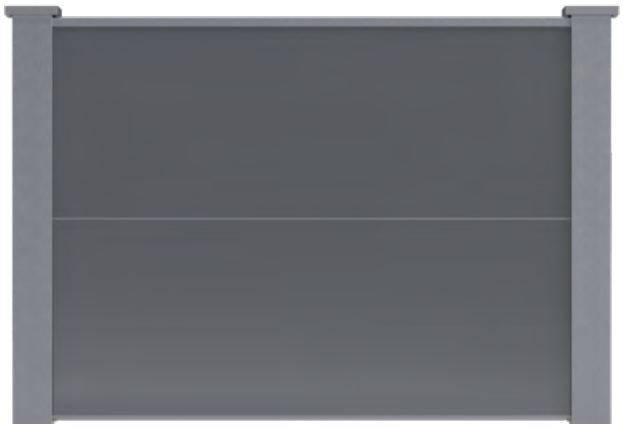
2400mm (length) x 600mm (height) x 50mm (width)

2400mm (length) x 900mm (height) x 50mm (width)

2400mm (length) x 1200mm (height) x 50mm (width)

2700mm (length) x 900mm (height) x 50mm (width)

2700mm (length) x 1200mm (height) x 50mm (width)



SIGNATURE • ESTATE PANELS

SOLID PANELS

Construction:
5mm fibre cement outer skins
60mm expanded polystyrene core

2400mm (length) x 600mm (height) x 70mm (width)

2400mm (length) x 900mm (height) x 70mm (width)

2400mm (length) x 1200mm (height) x 70mm (width)

2700mm (length) x 900mm (height) x 70mm (width)

2700mm (length) x 1200mm (height) x 70mm (width)

CLASSIC • SIGNATURE • ESTATE INFILL PANELS

HORIZONTAL SLAT INFILL PANELS

Slat Infill Panel Height Options:

300mm **900mm** **1500mm**

600mm **1200mm** **1800mm**

Slat Sizes:

2330mm (length) x 60mm (height) x 25mm (width)

2330mm (length) x 85mm (height) x 25mm (width)

2630mm (length) x 60mm (height) x 25mm (width)

2630mm (length) x 85mm (height) x 25mm (width)

Slat Construction:
Powder coated aluminium

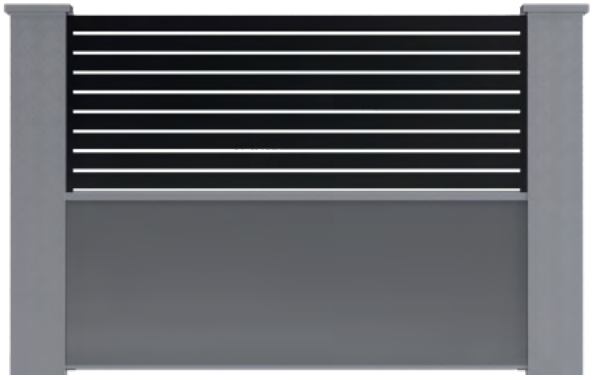
85mm x 25mm **60mm x 25mm**

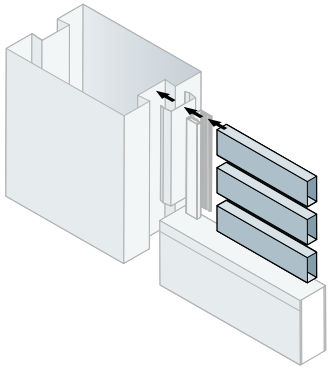
Construction
Aluminium slat channel with cover, powder coated to same colour as the slats.

Slat Channel: 39mm x 32mm (includes screw cover plate)

Slat channel length will be cut to length required – total height of all slats plus gaps between slats, and gaps top and bottom.

60mm only avaliable in Ebony





CLASSIC • SIGNATURE • ESTATE INFILL PANELS

VERTICAL SLAT INFILL PANELS

Slat Infill Panel Height Options:

300mm **900mm** **1500mm**

600mm **1200mm** **1800mm**

Slat Sizes:

2330mm (length) x 60mm (height) x 25mm (width)

2330mm (length) x 85mm (height) x 25mm (width)

2630mm (length) x 60mm (height) x 25mm (width)

2630mm (length) x 85mm (height) x 25mm (width)

Slat Construction:
Powder coated aluminium

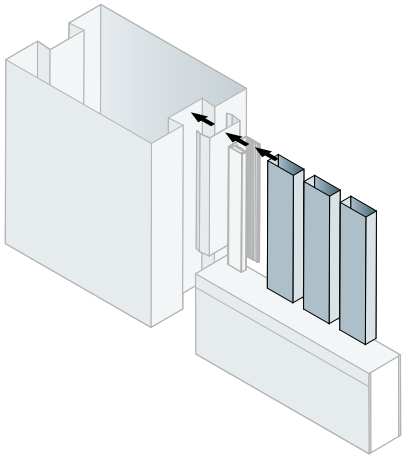
85mm x 25mm **60mm x 25mm**

Construction:
Aluminium slat channel with cover, powder coated to same colour as the slats.

Slat Channel: 39mm x 32mm (includes screw cover plate)

Vertical slat channel length will be cut to length required – Horizontal channels will be supplied ready to be trimmed down to the required lenght onsite.

Titania Gull Grey Slate Grey Grey Friars Ironsand Flax Ebony



SIGNATURE • ESTATE INFILL PANELS

LOUVRE INFILL PANELS

Louvre Infill Panel Height Options:

350mm (3 louvres)
600mm (5 louvres)
900mm (8 louvres)
1200mm (10 louvres)
1500mm (13 louvres)
1800mm (15 louvres)

Louvre Sizes:

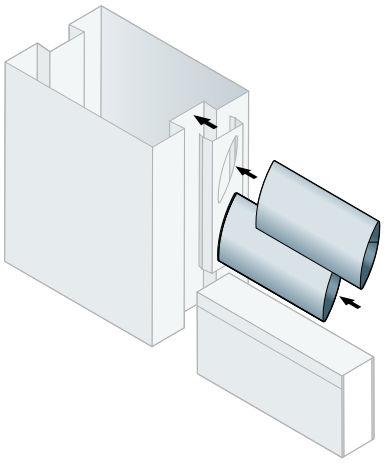
2400mm (length) x 136mm (height) x 32mm (width)
to suit 2400mm panels

2700mm (length) x 136mm (height) x 32mm (width)
to suit 2700mm panels

Construction:
Powder coated to your colour choice.

Aluminium louvre 135mm x 30mm inserted into a prepunched steel channel that accepts the louvre infill.

Louvres may need to be cut shorter onsite to be inserted onto the fixing bar. The finished assembly can then be inserted between the posts.



SIGNATURE • ESTATE INFILL PANELS

AURORA INFILL PANELS

Aurora Infill Panel Height Options:

900mm **1500mm**

1200mm **1800mm**

Aurora Infill Panel Designs:

See the Aurora pages for the range of different panel designs.

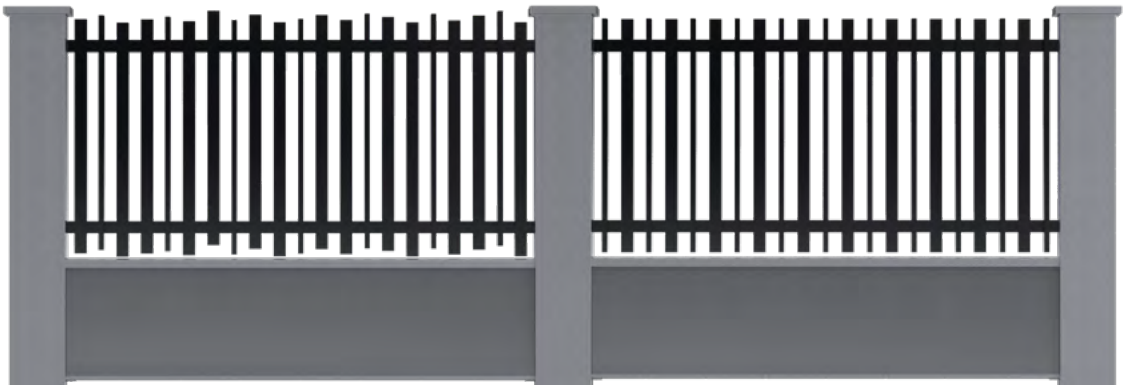
Slat Construction:
Powder coated aluminium

60mm x 25mm

Construction:
Aluminium slat channel with cover, powder coated to same colour as the slats.

Slat Channel: 60mm x 32mm (includes screw cover plate)

Vertical slat channel length will be cut to length required – Horizontal channels will be supplied ready to be trimmed down to the required lenght onsite.



SIGNATURE • ESTATE INFILL PANELS

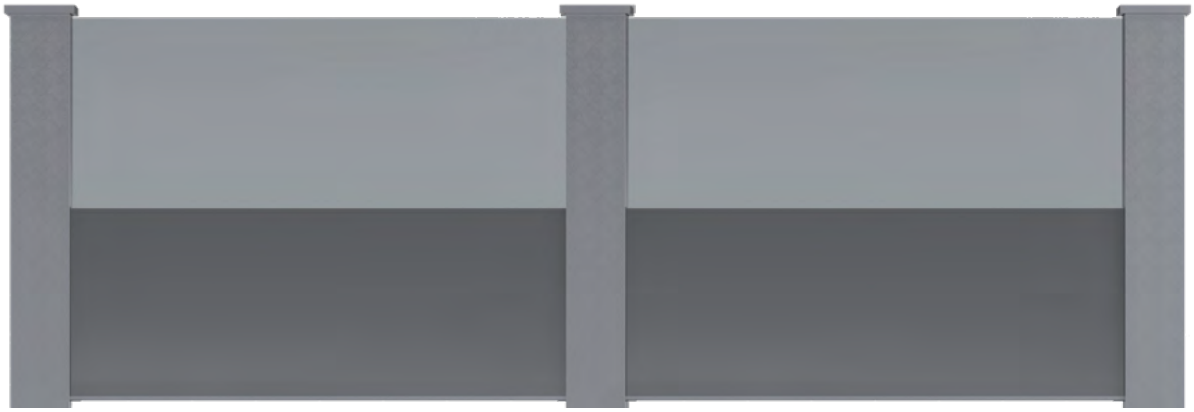
GLASS INFILL PANELS

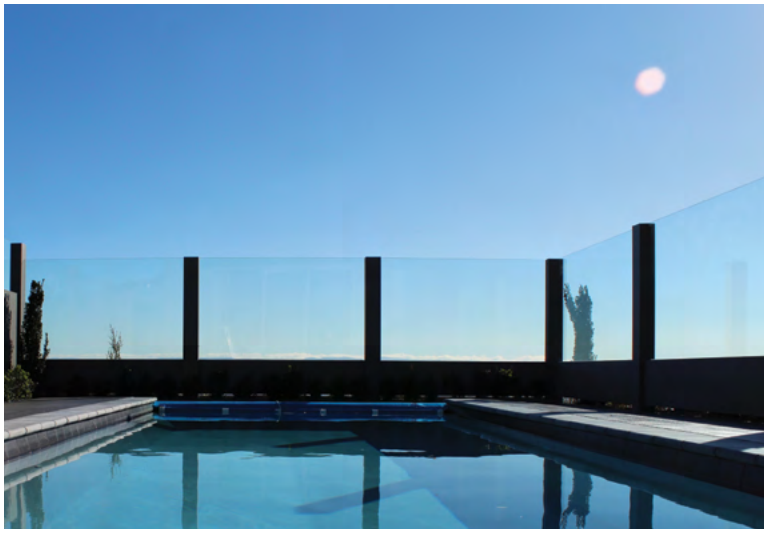
For the 70mm rebate in the Signature and Estate posts only

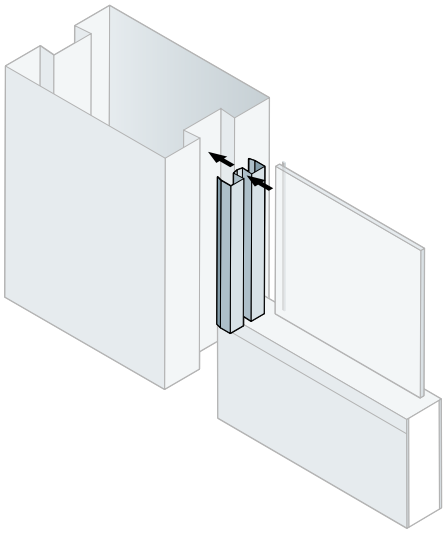
Construction:
12mm toughened safety glass

2380mm (length) x 1200mm Max. (height) x 12mm (width)

Max Glass Panel Size:
2400mm max (length) x 1200mm. (height) x 12mm (width)







River Road Residence

This customer initially contacted us with project requirements of boundary fencing along the front of her property and bordering off the pool area for ultimate privacy.

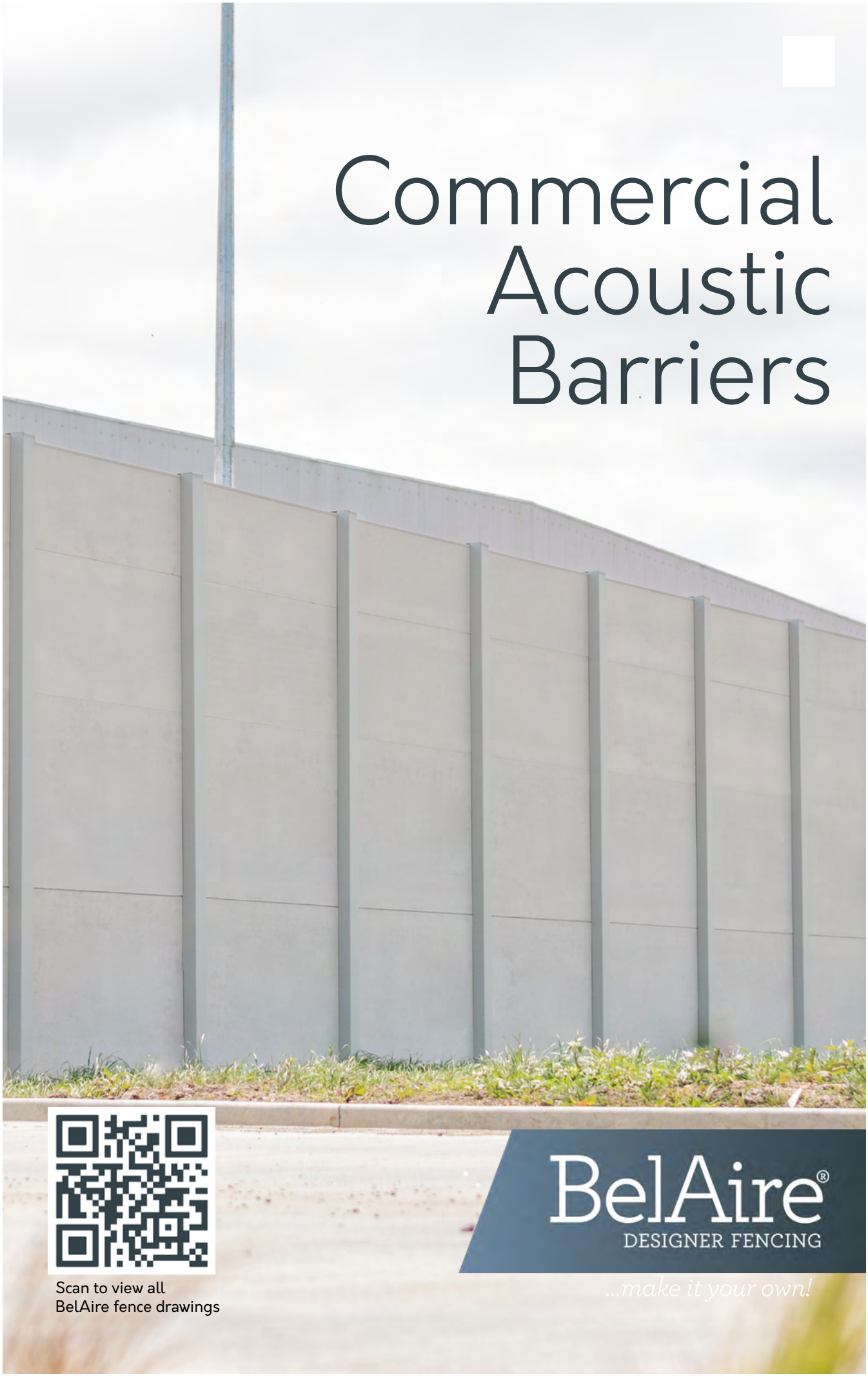
To meet her requirements, we offered a mix of Solid Accoustic wall at 2.1 meters high as well as our Signature Solid Wall at 2.1 meters high. This meant we were able to block out the traffic noise from River Road and keep the pool area looking uniform to enhance the landscaping.

Project Specifications:

Signature Wall
60m x 2.1m high

Acoustic Solid Wall
80m x 2.1m high

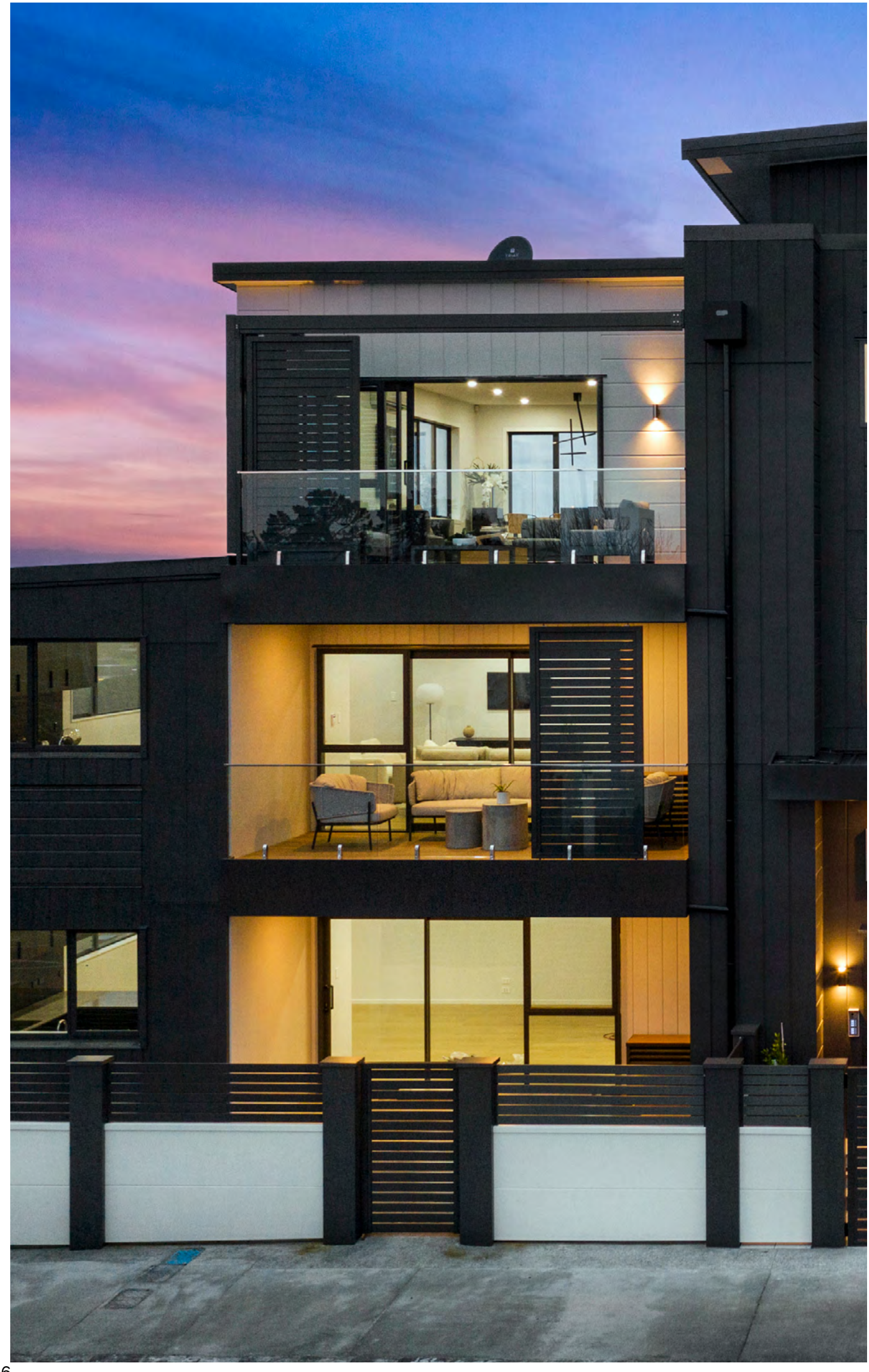
Commercial Acoustic Barriers



Scan to view all
BelAire fence drawings

BelAire®
DESIGNER FENCING

...make it your own!



...make it your own!

Commercial Acoustic Barriers

HOW DOES A NOISE BARRIER WORK?

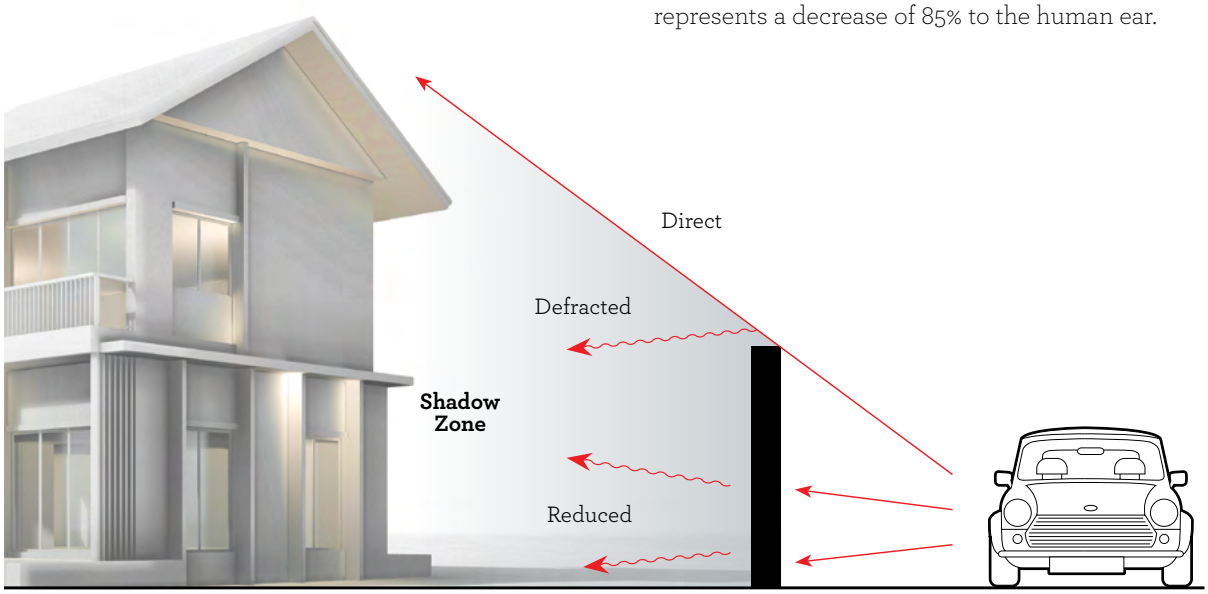
A noise barrier is a solid structure that intercepts and reduces sound within the shadow it casts. The closer a barrier can be to the source or receiver and the higher it is, the more effective it will be, and, to be effective, the line of sight between the source and receiver must be blocked completely by the barrier.

The standard BelAire 70mm panel, with its 60mm expanded polystyrene core, will reduce sound levels up to approximately 28 decibels*.

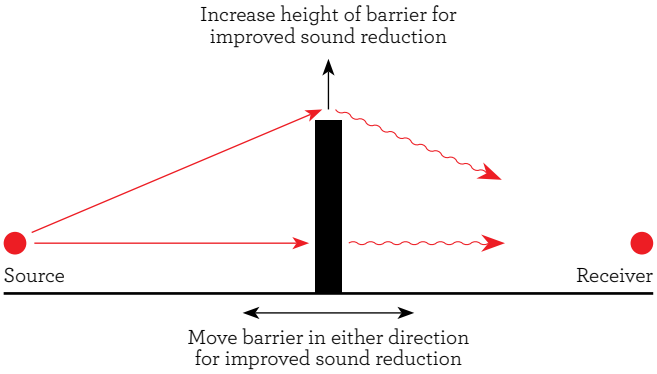
*See "Acoustic Barrier Field Test". Levels in your own situation may differ due to environmental conditions such as ground type and surrounding objects or buildings. Frequency is also a factor – high-frequency sounds are more effectively decreased than low- frequencies.

HUMAN PERCEPTION OF SOUND

DID YOU KNOW? A decrease in noise of 10dB would be perceived to be half as loud, and a 28dB reduction represents a decrease of 85% to the human ear.



Decibels	Residential	Commercial
20dB	Whisper	Secluded Woods
45dB	Bedroom	Library
60dB	Conversation	Air Conditioning Unit
70dB	Living Room Music	Passing Cars
80dB	Factory Office	Passing Truck
90dB	Lawn Mower	Chainsaw
100dB	Motorbike	Jointer/Planer
110dB	Music Concert	Jack Hammer
120dB	Rock Concert	Jet Aircraft 150m away
140dB	Large Generator	Jet Aircraft 5m away



ACOUSTIC FIELD TEST REPORT

Evaluated by the Acoustics Research Group at the University of Canterbury. A comprehensive report is available on request.

PURPOSE:

It is the intention of this report to illustrate the performance of the BelAire barrier system in real-world applications. These testing environments were selected due to their ability to offer easily identifiable and comparable scenarios. This included:

- Origin of sound, its type and extent
- Geographical layout
- Barrier configuration

SCOPE:

This information is to be used as a guide and in conjunction with the independent laboratory testing that has been performed on BelAire barriers. The test results reported below are an accurate account of the locations used. Should specific values be required for an application of the BelAire barrier system, it is recommended that a formal acoustic analysis be undertaken for that environment.

TESTING EQUIPMENT SPECIFICATIONS

Digitech model	QM-1589
Standard applied	IEC651 type 2, ANSI S1.4 type2
Frequency range	31.5Hz~8kHz
Measuring level range	30~130dB (Low range 30-100dB used for these records)
Frequency weighting	A/C (A used for these records)
Microphone	½" electret condenser
Time weighing	Fast 125mS, Slow 1 Sec (Slow used for these records)
Accuracy	+/-1.5dB

TEST 1 HIGHWAY ROAD NOISE

Origin source	6 lane highway (70Km/hr)
Location of barrier from origin	5.5m
Barrier type	4.0m barrier type wall (75mm panel)
Readings at exposed side	
Steady fluctuation	71-81dB
Peak reading	84dB
Minimum reading	68dB
Readings at shielded side	
Steady fluctuation	58-60dB
Peak reading	61dB
Minimum reading	56dB

NOTES:
Further readings were taken at a distance of 5 metres back from the shielded side of the barrier (approx 10.5m from origin). Readings at this distance displayed a fluctuating range of 1 to 2dB higher than at the shielded face of the barrier. Readings at greater distances from the shielded face displayed only ambient sound levels and were not influenced by the fluctuating decibel range of the highway.

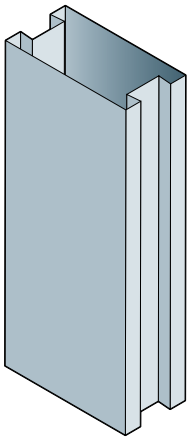
TEST 2 DOMESTIC LAWNMOWER

Origin source	2-Stroke lawnmower
Location of barrier from origin	2m
Barrier type	2.1m traditional type wall (75mm panel)
Readings at exposed side	
Steady fluctuation	90-91dB (min/max reading also)
Readings at shielded side	
Steady fluctuation	62dB (min/max reading also)

NOTES:
A secondary reading was taken at a distance of 5 metres back from the shielded side of the barrier and a steady reading of 63 dB was recorded. This increase of approx 1dB is consistent with the highway values shown in Test 1. The peak and minimum readings for the lawnmower test are not listed due to them being identical to the steady output values.

ACOUSTIC BARRIER POSTS

FOR BARRIERS up to 3.0m HIGH



Post dimensions: 140mm (deep) x 280mm (face) 0.95 mm BMT

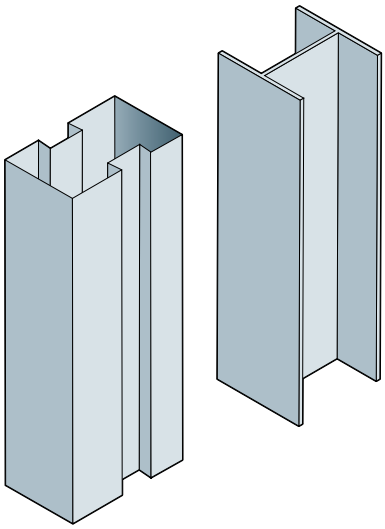
Panel thickness: 70mm

Density of composite panel materials: 15.49kg/m^2

Suitable for fence heights: 900mm – 3000mm

Post centres: 2630mm, 2930mm

FOR BARRIERS up to 3.1m – 5.1m HIGH



Post dimensions: 250mm (deep) x 150mm (face) 0.95 mm BMT

Panel thickness: 70mm

Density of composite panel materials: 15.49kg/m^2

Suitable for fence heights: 3000mm – 5100mm

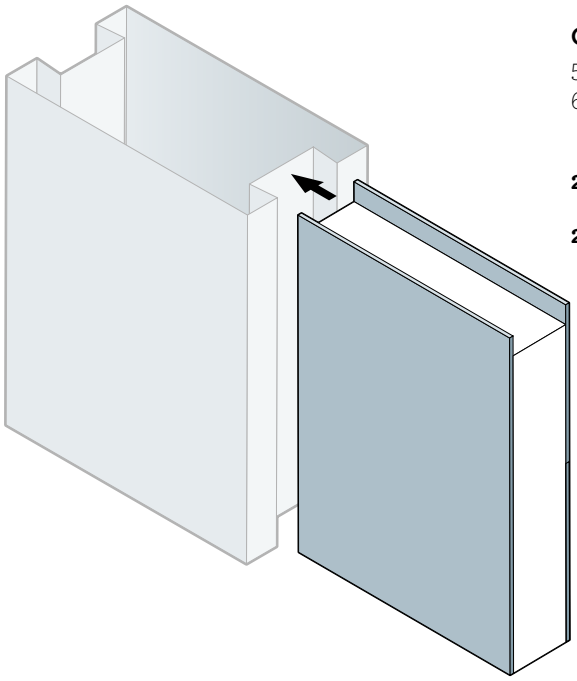
Post centres: 2470mm

NOTE: All barriers over 3m high need to be engineered to suit the wind regions and the ground conditions. Please contact us on 0800 235 2473 for more details.

Walls over 3000mm high will likely need to use a 100UC14 Column.

BelAire® DESIGNER FENCING

ACOUSTIC BARRIER PANELS



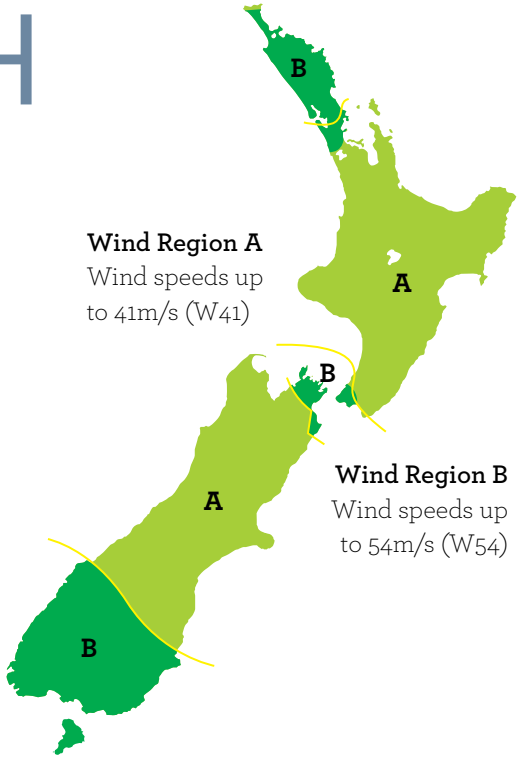
Construction:
5mm fibre cement outer skins
60mm expanded polystyrene core

2400mm (length) x 900mm (height) x 70mm (width)

2400mm (length) x 1200mm (height) x 70mm (width)

Up to 4m HIGH

SPECIFICATIONS



Wind Region A
Wind speeds up to 41m/s (W41)

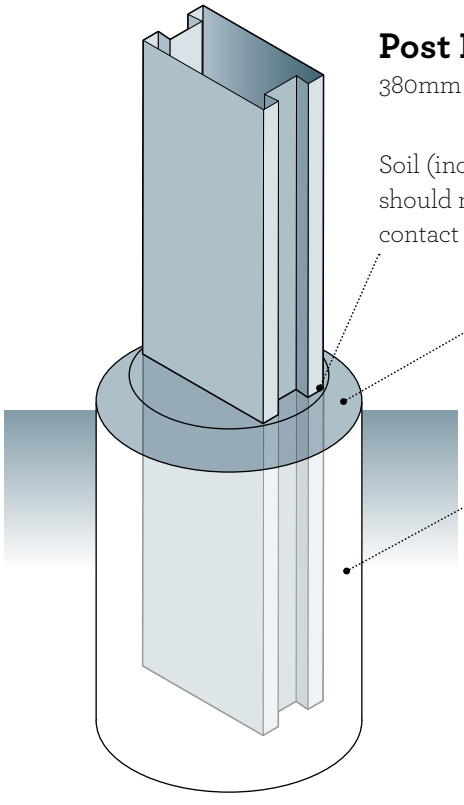
Wind Region B
Wind speeds up to 54m/s (W54)

Centre to Centre Guide

Panel length		Post hole centres
2400mm	>	2630mm
2700mm	>	2930mm

Post Hole Depth Guide Wind Regions A&B

Hole depth into firm earth or clay		Barrier height		Hole depth into sand, soft clay or loose earth
450mm	>	900mm	>	550mm
550mm	>	1200mm	>	650mm
600mm	>	1500mm	>	700mm
650mm	>	1800mm	>	800mm
700mm	>	2100mm	>	900mm
800mm	>	2400mm	>	1000mm
900mm	>	2700mm	>	1100mm
1000mm	>	3000mm	>	1200mm



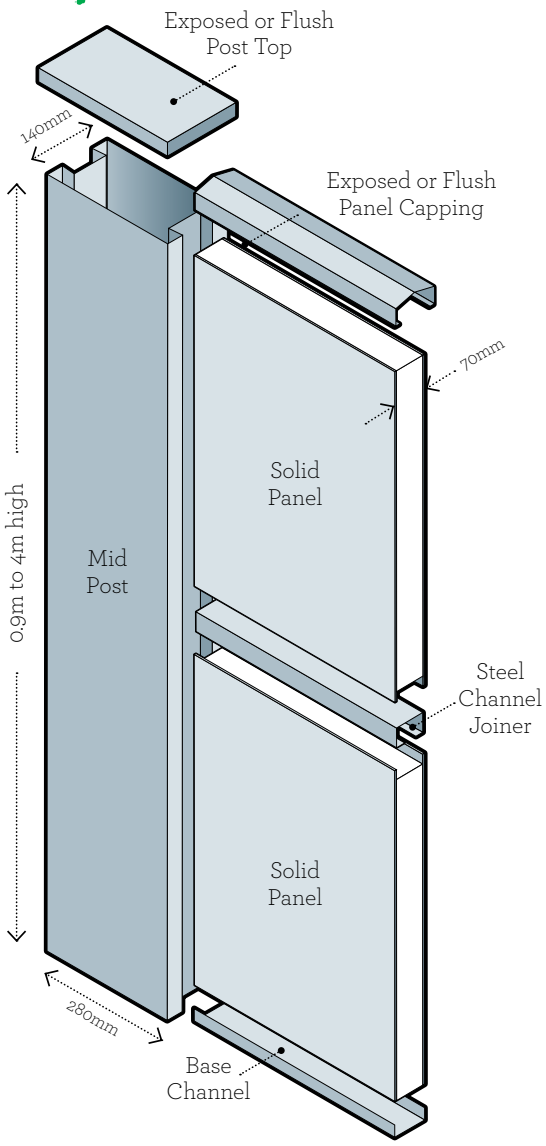
Post Hole Width:

380mm min (all wind regions)

Soil (including garden fill) should not be placed in contact with the steel post

Top of concrete should be sloped away from post for water drainage

Grade of concrete N20 with maximum size of aggregate 20mm. Concrete shall be compacted after placement inside footing hole.



4m to 6m HIGH

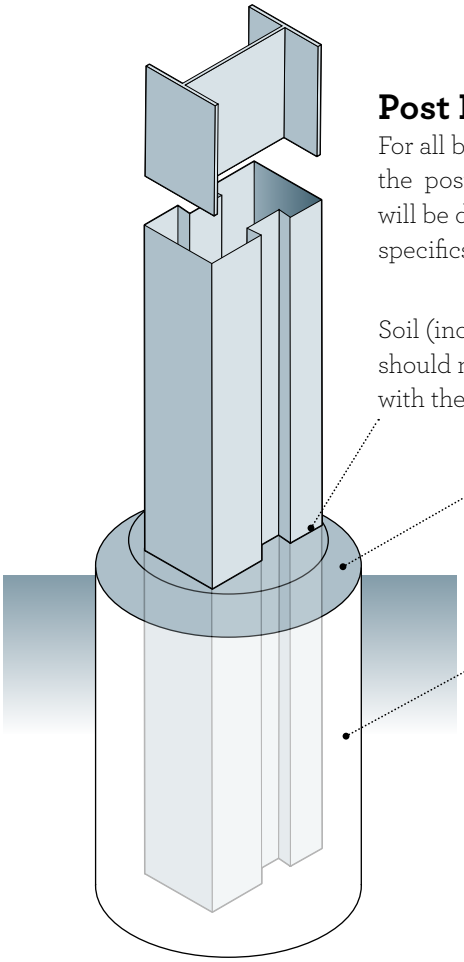
SPECIFICATIONS

Centre to Centre Guide

Panel length		Post hole centres
2400mm	>	2470mm

Post Hole Depth Guide

Post hole depths and hole sizes will be determined by either the engineer or once on-site soil tests have been done.



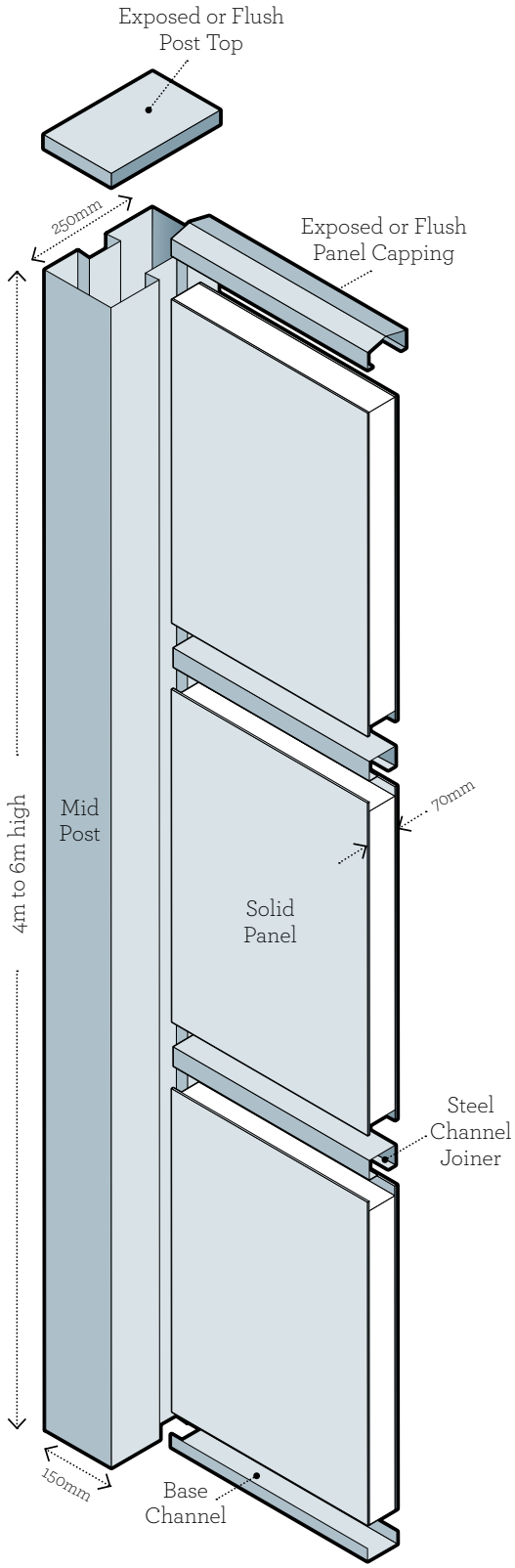
Post Hole Width:

For all barriers over 3.1m high, the post hole width and depth will be determined by the specifics of each site.

Soil (including garden fill) should not be placed in contact with the steel post

Top of concrete should be sloped away from post for water drainage

Grade of concrete N20 with maximum size of aggregate 20mm. Concrete shall be compacted after placement inside footing hole.



Early Education Centre

An early education centre in one of Hamilton's fast-developing subdivisions was looking for a wall which provided them with maximum security and noise reduction. BelAire Fencing customised a 200m Classic wall with a fun and playful colour combination.

Project Specifications:

Client: Rob Berridge Fencing

Classic Acoustic Wall
200m x 1.5/1.8m high

Flush Capping, Solid Wall
The 1500mm and 1800mm high solid panel acoustic wall was made a feature by alternating the 900mm and 600mm solid panels to create a feature out of the paint combinations.

BelAire® DESIGNER FENCING

Parklands Subdivision

The Napier Council required a noise attenuation and security wall for it's subdivision in Parklands. The project was bordering the expressway so noise reduction was an important feature. In 15 days we were able to construct 1500m of 1.8m high barrier wall.

Project Specifications:

Signature Acoustic Wall
1500m x 1.8m high

Exposed Capping, Solid Wall
1800mm high Solid acoustic wall

"We were all very happy with the work carried out. Everything was done in a very efficient and professional manner and the guys are a great team to work with. Thanks again."
Napier Council

Colour Wall
Steel Fencing
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DESIGNER FENCING
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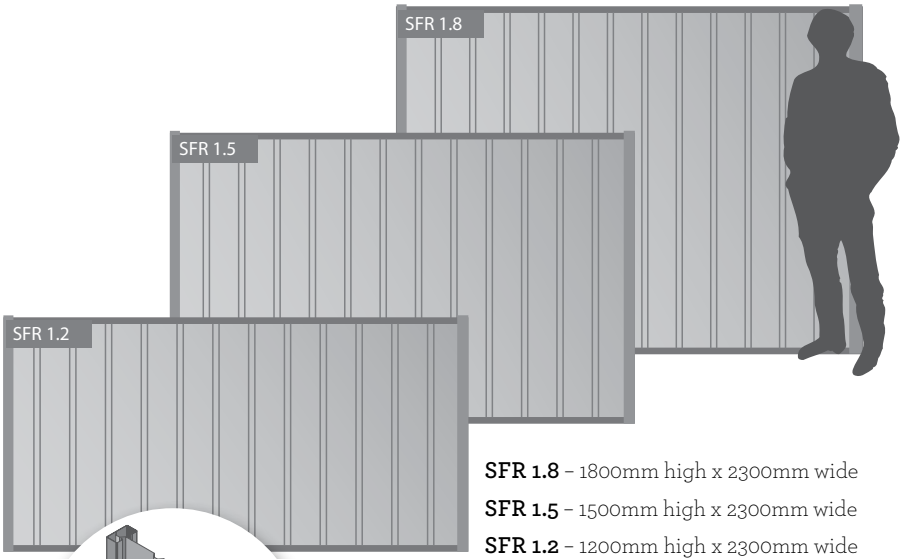
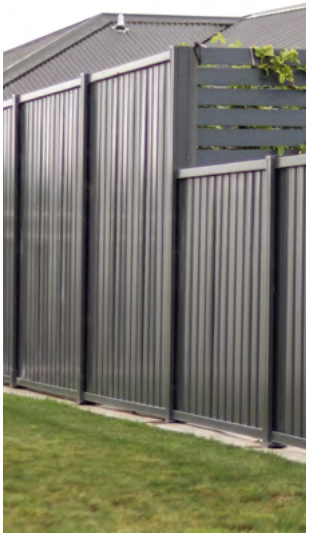
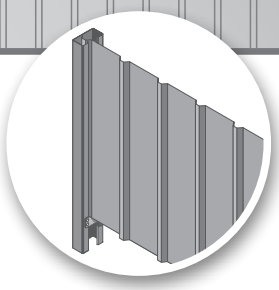
FRONTIER

Strong and Durable Coloured Steel Panels



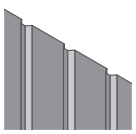


SFR 1.8 – 1800mm high x 2300mm wide
SFR 1.5 – 1500mm high x 2300mm wide
SFR 1.2 – 1200mm high x 2300mm wide

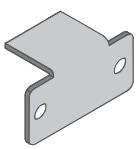


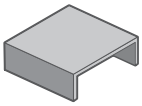
Colours: Post and insert colours can be combined. Colours must be specified when ordering.

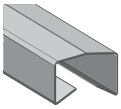
Each FRONTIER panel includes:

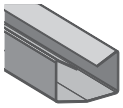

1 x Frontier Panel (consists of 3 sheets)

2 x Half Posts


2 x Support Brackets


External Flush Fit Post Cap

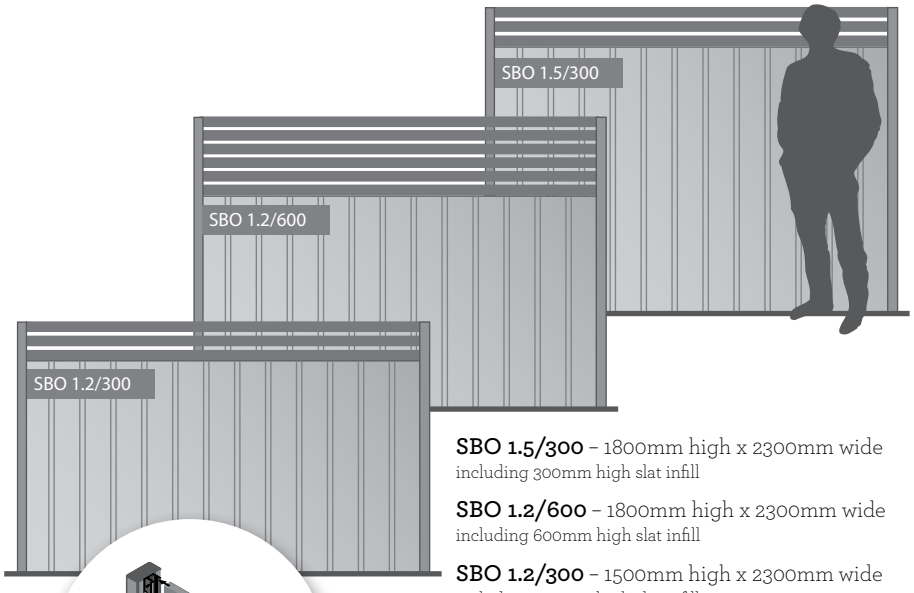

Anti-rattle Top Rail

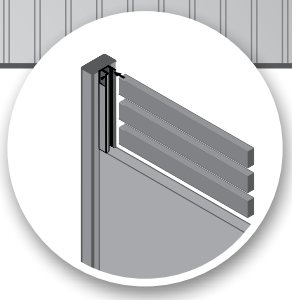

Anti-rattle Bottom Rail

Assembly required – all fixings are supplied.

BORDERLINE

Durable Coloured Steel Panels with Slat Trim





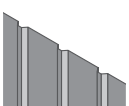
SBO 1.5/300 – 1800mm high x 2300mm wide
including 300mm high slat infill

SBO 1.2/600 – 1800mm high x 2300mm wide
including 600mm high slat infill

SBO 1.2/300 – 1500mm high x 2300mm wide
including 300mm high slat infill

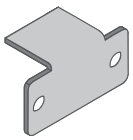
Colours: Post and insert colours can be combined. Colours must be specified when ordering.

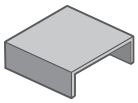
Each BORDERLINE panel includes:


1 x Borderline Panel (consists of 3 sheets)

3 or 6 Aluminium

2 x Half Posts


2 x Support Brackets


External Flush Fit Post Cap

Anti-rattle Top Rail

Anti-rattle Bottom Rail

Assembly required – all fixings are supplied.

Gates

Scan to view all
BelAire fence drawings

BelAire®
DESIGNER FENCING

...make it your own.

112

HORIZONTAL SLAT GATES

Construction:
Powder coated aluminium.

Slat dimensions:
- Standard 85mm (height) x 25mm (width)
- Custom 60mm (height) x 25mm (width)

Also available in solid slat option.

Height: 1200mm - 2100mm
Pedestrian Gate Width: 800mm – 2500mm
Driveway Swing Gate Width: 800mm – 2500mm
Driveway Sliding Gate Width: 2500mm – 6000mm
Colour: Client's choice of any Dulux powder coat colour

Standard Colour Options:

Titania | Gull Grey | Slate Grey | Grey Friars | Ironsand | Flax | Ebony

OPEN SLAT

SOLID SLAT

VERTICAL SLAT GATES

Construction:
Powder coated aluminium.

Slat dimensions:
- Standard 85mm (height) x 25mm (width)
- Custom 60mm (height) x 25mm (width)

Also available with solid slats.

Height: 1200mm - 2100mm
Pedestrian Gate Width: 800mm – 2500mm
Driveway Swing Gate Width: 800mm – 2500mm
Driveway Sliding Gate Width: 2500mm – 6000mm
Colour: Client's choice of any Dulux powder coat colour

Standard Colour Options:

Titania | Gull Grey | Slate Grey | Grey Friars | Ironsand | Flax | Ebony

OPEN SLAT

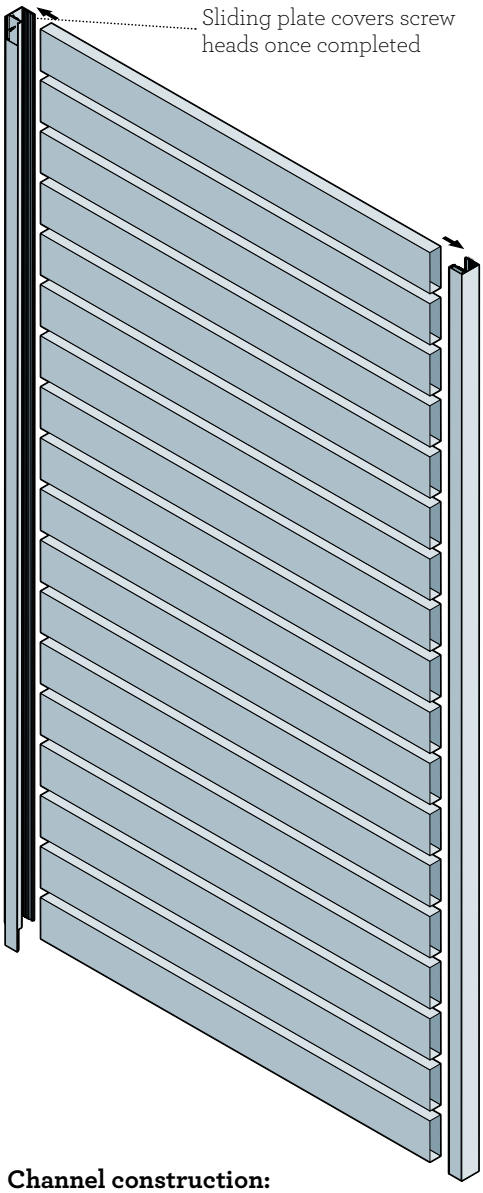
SOLID SLAT

HORIZONTAL ECO SLAT GATE KIT

Introducing our new, economical, cut-to-size, kitset slat gate

Supplied in kit form as: Two 1185mm channels and 12 x 980mm wide slats (85mm x 25mm), or
Two 1485mm channels and 15 x 980mm wide slats (85mm x 25mm), or
Two 1785mm channels and 18 x 980mm wide slats (85mm x 25mm)

Gates also include 2 x stainless steel butt hinges, and a Viper Gravity latch (lockable from both sides)
Simply assemble your gate – the sliding plate covers will cover the screws to provide a professional finish.



Channel construction:
Powder coated aluminium.

Channel: 39mm x 32mm
(includes sliding screw cover plate)

Height: 1200mm, 1500mm and 1800mm
Pedestrian Gate Width: Up to 1000mm
Powder coat colours:

Titania | Gull Grey | Slate Grey | Grey Friars | Ironsand | Flax | Ebony

Above:
Double eco slat gate kits

Slat construction:
85mm x 25mm
1.6mm powder coated aluminium

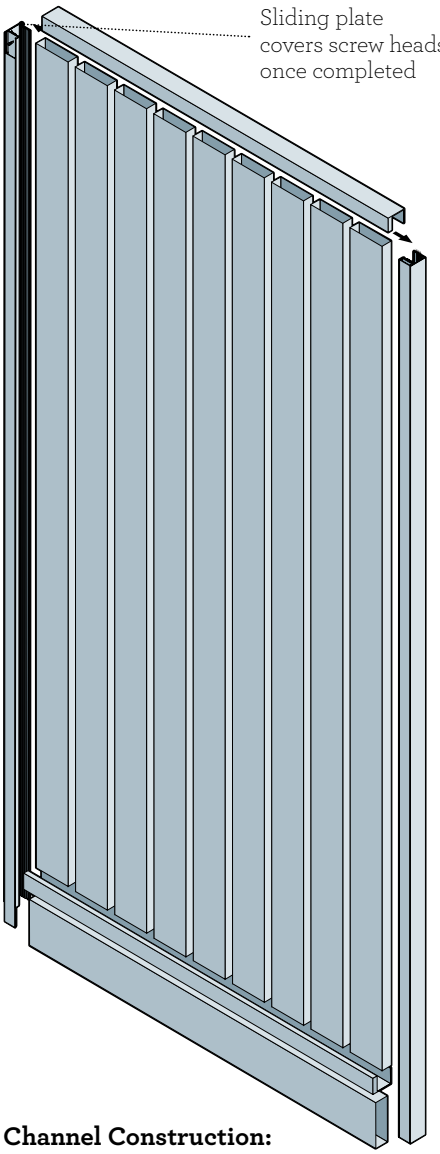
It is important to note that our gates with 25mm wide slats are superior in strength to some inferior gates with 16mm wide slats.

VERTICAL ECO SLAT GATE KIT

Introducing our new, economical, cut-to-size, kitset slat gate

Supplied in kit form as: Two 1200mm and two 936mm channels and 9 x 1095mm and one 985mm Slat, or
Two 1500mm and two 936mm channels and 9 x 1395mm and one 985mm Slat, or
Two 1800mm and two 936mm channels and 9 x 1695mm and one 985mm Slat

Gates also include 2 x stainless steel butt hinges, and a Viper Gravity latch (lockable from both sides)
Simply assemble your gate – the sliding plate covers will cover the screws to provide a professional finish.



Channel Construction:
Powder coated aluminium.

Channel: 39mm x 32mm
(includes sliding screw
cover plate)

Height: 1200mm, 1500mm and 1800mm
Pedestrian Gate Width: Up to 1000mm
Powder coat colours:

Titania | Gull Grey | Slate Grey | Grey Friars | Ironsand | Flax | Ebony

Slat Construction:
85mm x 25mm
1.6mm powder coated aluminium

It is important to note that our gates with 25mm wide slats are superior in strength to some inferior gates with 16mm wide slats.

BelAire® DESIGNER FENCING

LOUVRE GATES

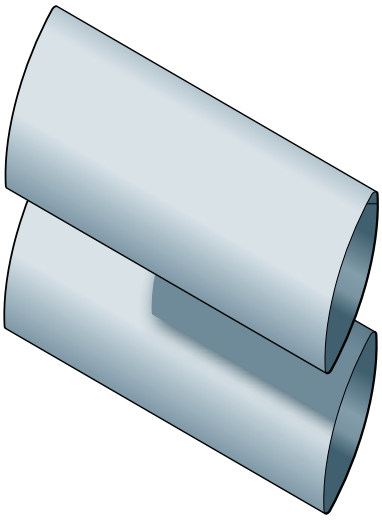
Construction:
Powder coated aluminium.

Louvre Dimensions:
– 135mm (height) x 30mm (width)

Height: 1200mm - 2100mm
Pedestrian Gate Width: 800mm – 2500mm
Driveway Swing Gate Width: 800mm – 2500mm
Driveway Sliding Gate Width: 2500mm - 6000mm
Colour: Client's choice of any Dulux powder coat colour

All gates come with a 60mm x 60mm aluminium frame as standard unless stated otherwise.

For larger sliding gates we use a 100mm high x 60mm width bottom rail for strength and a 60mm x 60mm surround frame.

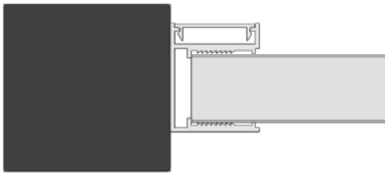


SOLID GATES

Construction:
0.55mm preprimed steel outer skins.
13mm expanded polystyrene core.
Welded aluminium frame.

Panel Dimensions:
- Up to 1200mm (width) x 2100mm (height)

Height: 1200mm - 2100mm
Pedestrian Gate Width: 800mm - 2500mm
Driveway Swing Gate Width: 800mm - 2500mm
Driveway Sliding Gate Width: 2500mm - 6000mm
Colour: Ready for priming and painting



AURORA GATES

Construction:
Powder coated aluminium.

Slat dimensions:
- 38mm x 25mm Slats (mounted on the 25mm side)
- 60mm x 25mm Slats (mounted on the 60mm side)

Height: 1200mm - 2100mm
Pedestrian Gate Width: 800mm – 2500mm
Driveway Swing Gate Width: 800mm – 2500mm
Driveway Sliding Gate Width: 2500mm - 6000mm
Colour: Standard in Ebony, also available in custom colours

AURORA GATE DESIGNS

P72 OR L79

L63

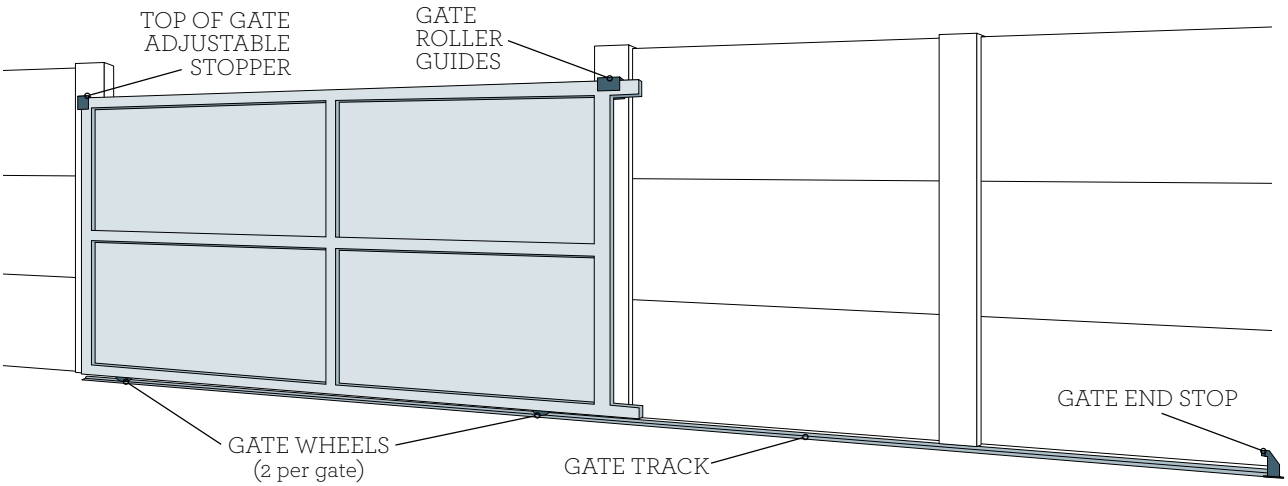
P60 OR L78

P49 OR L47

L63S

P60S OR L78S

SLIDING GATES

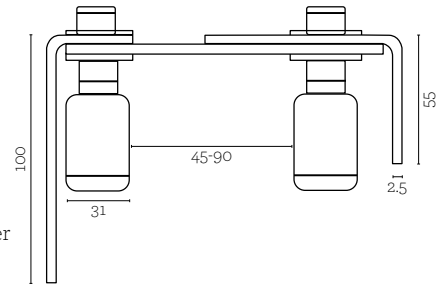


GATE ROLLER GUIDE
Heavy Duty 2.4mm Steel

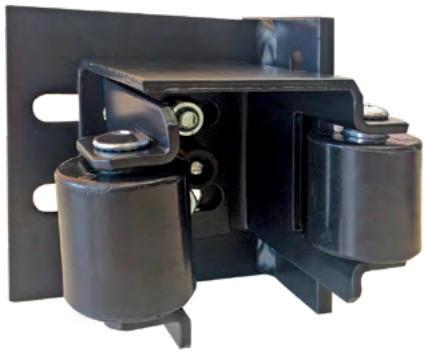
Order Code: BSG-R

SPECIFICATION

- Heavy duty top gate support roller
- Powder coated black



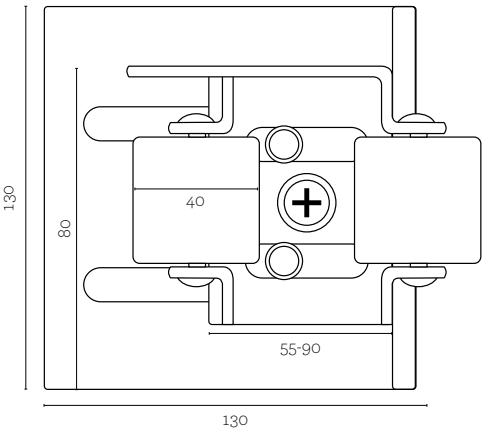
TOP OF GATE ADJUSTABLE STOPPER
Heavy Duty 2.4mm/8mm Steel



Order Code: BSG-TS

SPECIFICATION

- Fully adjustable end catch
- Heavy duty
- Powder coated black



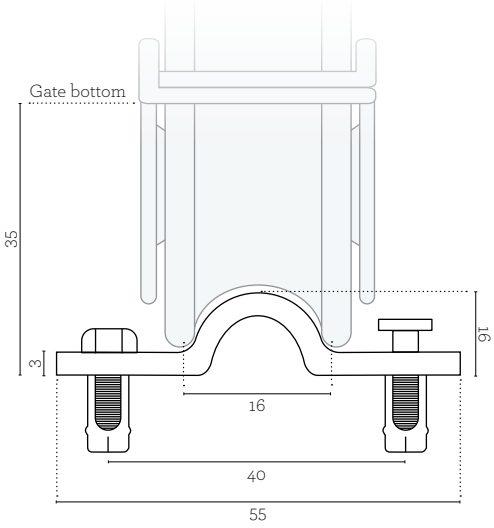
GATE TRACK
Heavy Duty 3mm Galvanised Steel

Order Code: BSGT

SPECIFICATION

- Heavy duty galvanised gate track
- Fittings excluded

Supplied in 3m long lengths

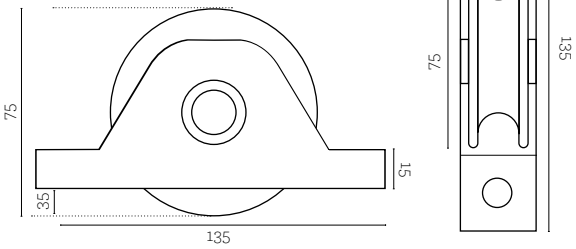


GATE WHEELS
Heavy Duty Steel

Order Code: BSG-W

SPECIFICATION

- Heavy duty up to 300kg
- Power coated black

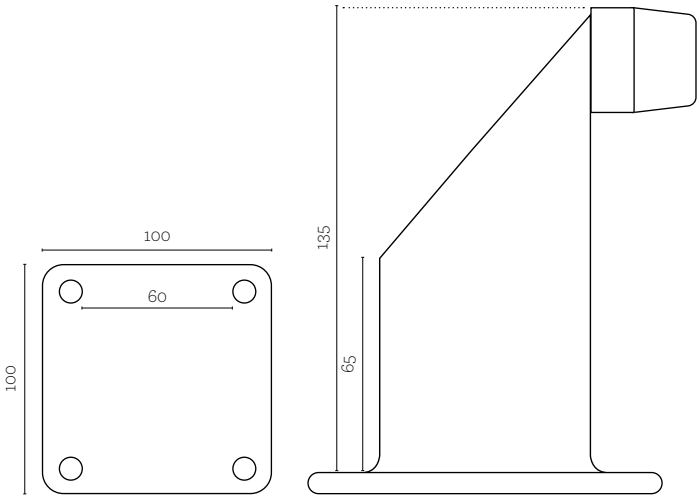


GATE END STOP
Heavy Duty 8mm Steel

Order Code: BSG-ES

SPECIFICATION

- Rigid bolt down
- Power coated black

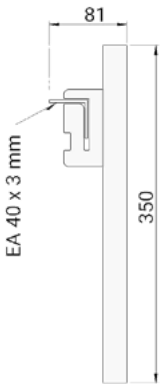


SLIDING GATE GUIDE
Designed for the Aurora Sliding Gates

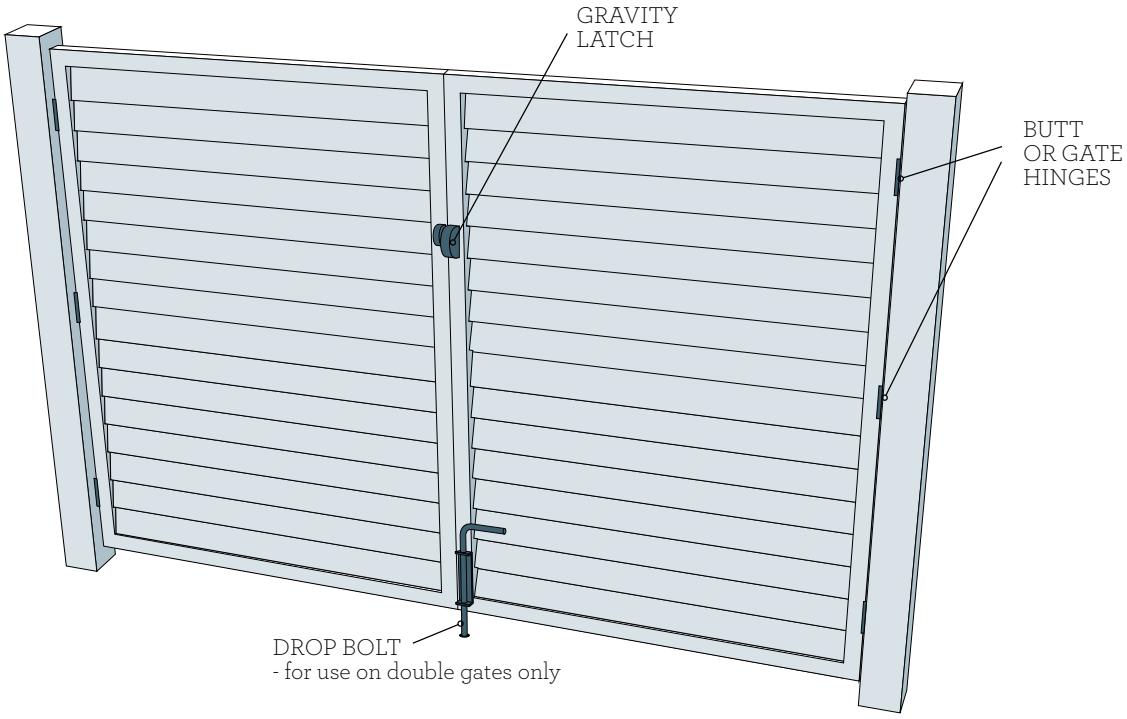
Order Code: TRUGLIDE-350

SPECIFICATION

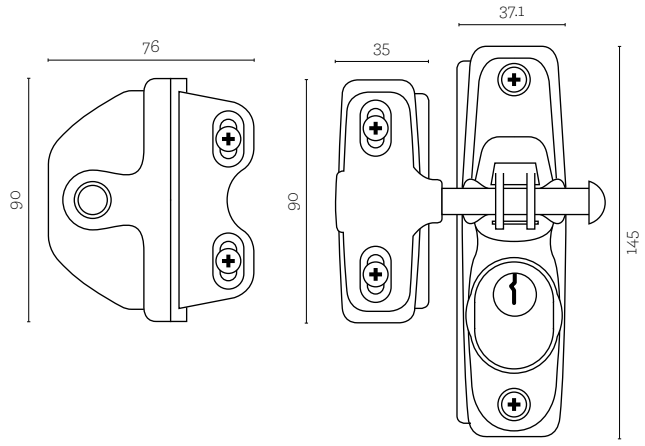
- Good for slopping driveways
- Adjustable heights

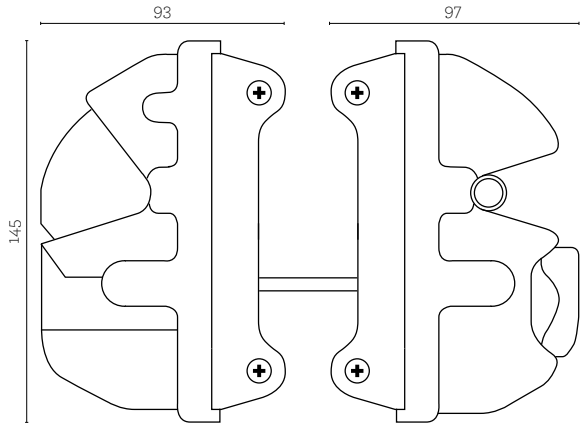


HINGED GATES



GRAVITY LATCH
Polymer and Stainless Steel





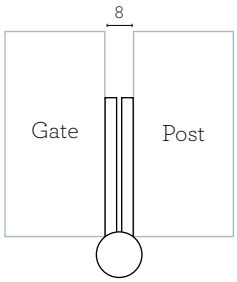
Order Code: SLV-Viper-X2

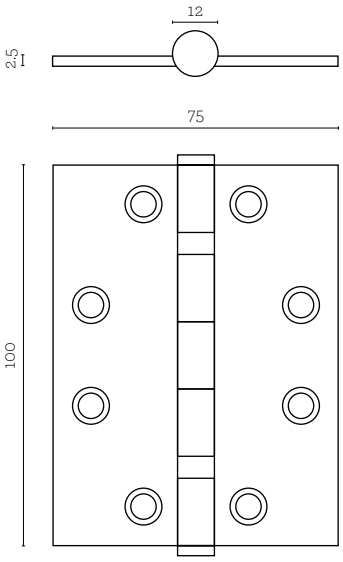
SPECIFICATION

- High grade polymer and stainless steel
- Resists UV and rust degradation

STAINLESS STEEL BUTT HINGE

304 Grade Satin Finish Stainless Steel





Order Code:
Stainless: BELBUTT
Black: BELBUTT-B

SPECIFICATION

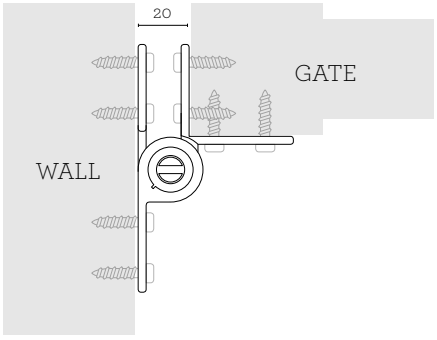
- 304 grade stainless steel
- Satin & black finish
- Fixed pin
- Square edge
- Stainless steel screws supplied
- Size: 100mm x 75mm 2.5mm
- For gates from 900 - 1500mm wide
- Rivets provided

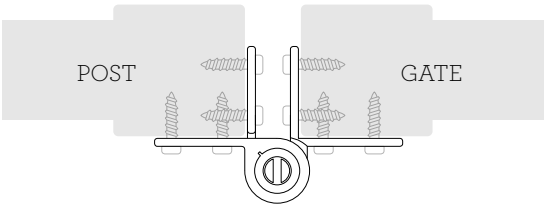
When using STAINLESS STEEL BUTT HINGES, leave a gap between the posts that is:
• 25mm wider than the gate (for a single gate) or
• 35mm wider than the gates (for double gates).

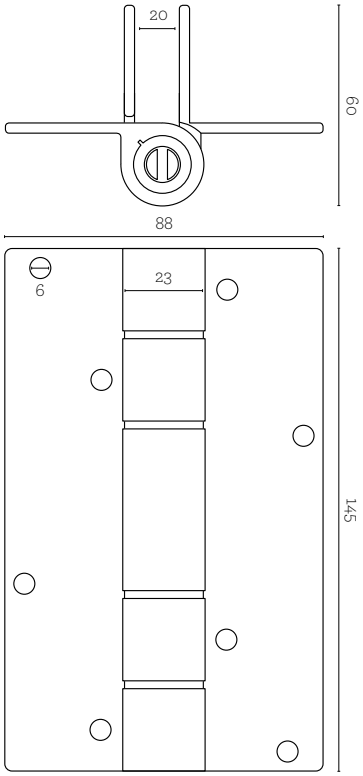
This is our standard hinge used unless otherwise specified

HEAVY-DUTY BLACK HINGE

3mm Aluminium Wall or Post Mounted







Order Code: BELKFH

SPECIFICATION

- 3mm aluminium
- Black satin finish
- Adjustable tension
- Size: 145mm x 88mm 55mm
- For gates up to 1500mm wide

When using HEAVY-DUTY BLACK HINGES, leave a gap between the posts that is:
• 35mm wider than the gate (for a single gate) or
• 55mm wider than the gates (for double gates).

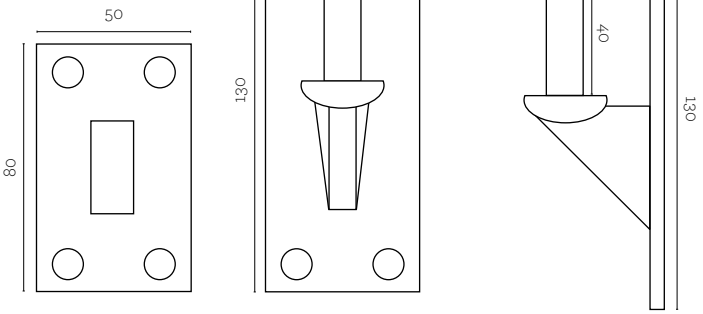
HINGED GATES

HEAVY DUTY GATE HINGES
8mm Steel

Order Code: BELHDGH

SPECIFICATION

- Screw on fittings
- Power coated to same as gate colour
- For gates 1500 - 2500mm wide

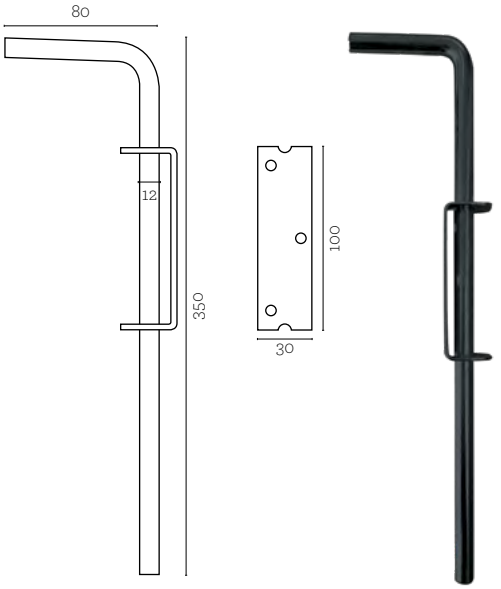


DROP BOLT
12mm Diameter Steel

Order Code:
Stainless: BELDB

SPECIFICATION

- Screw on fittings



Order Code:
BELDB

POOL HINGE & LATCH SET

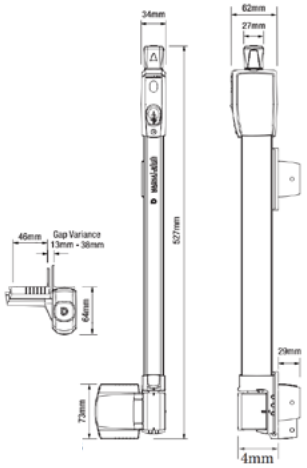
SET INCLUDES 2 HINGES & LATCH: Order Code: PGH

MAGNETIC SAFETY LATCH

Polymer and Stainless Steel

SPECIFICATION

- Visual indicator shows locked/unlocked status
- New, higher-security lock cylinder
- Vertically and horizontally adjustable
- Indicator marks show if adjustment is required
- Meets all Australian and NZ Standards for pool gates
- Minimum post size: 25mm+
- Gap between post and gate: 30-35mm
- Fixing method: screw-on



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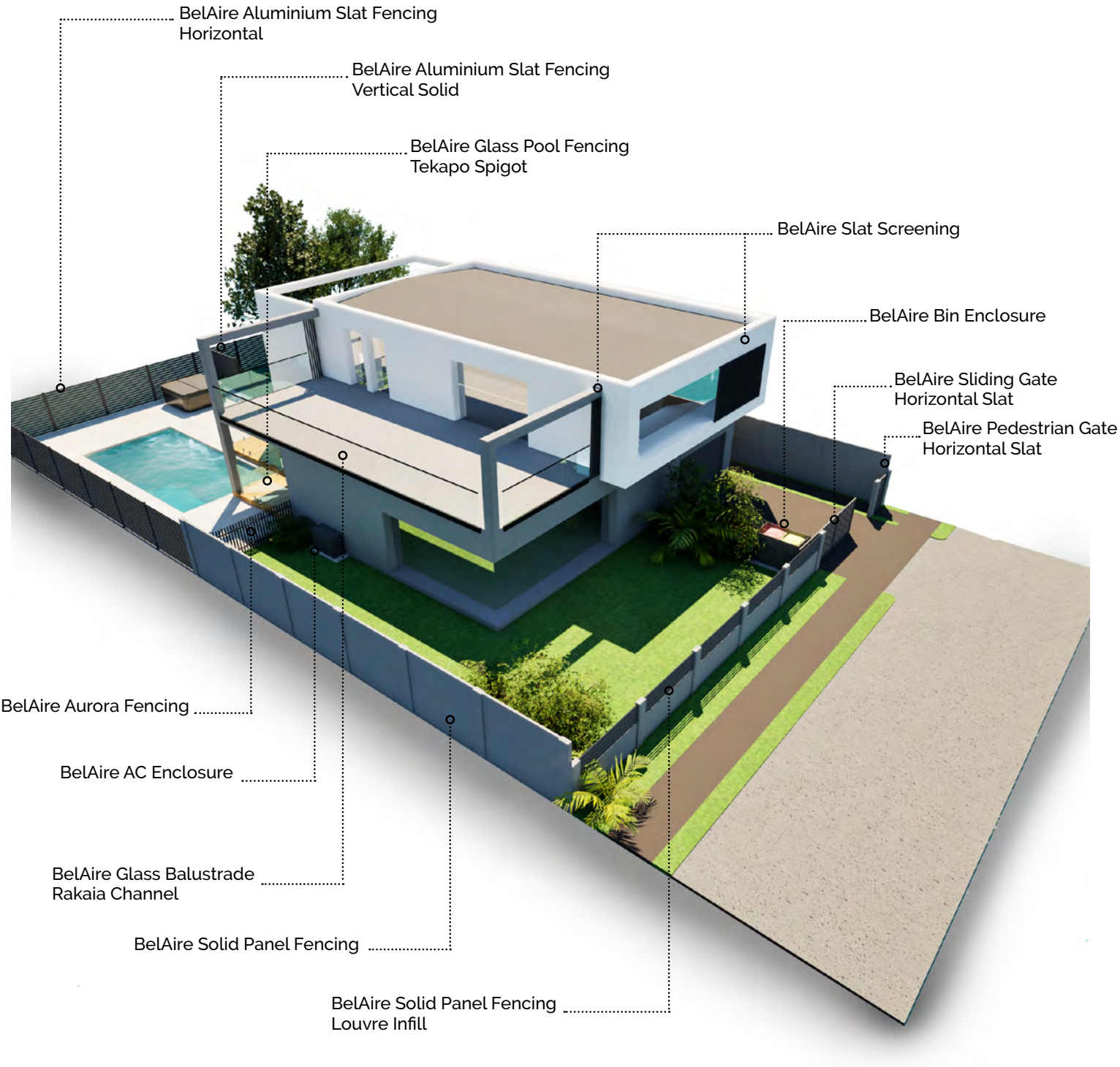
DESIGNER FENCING



For more information, call us to speak to one of our friendly team:

0800 235 2473

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BelAire Designer Fencing is a division of:

storetech INDUSTRIES LTD
Better outdoor spaces