

Contents

Frameless Glass Fencing and Balustrade P3 - P34

- 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 P35 - P60

- Introduction
- Slat Fencing
- Modular Bin and Utility Screens
- BelAire Enclosures
- Louvre Fencing
- Oblique Fencing
- Slat Fencing Projects



Aurora Panel Fencing P61 - P68

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



Solid Panel Fencing P69 - P90

- 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 P91 - P102

- 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 P103 - P106

- Frontier Fencing
- Borderline Fencing



Gates P107 - P122

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





Frameless Glass Fencing & Balustrade

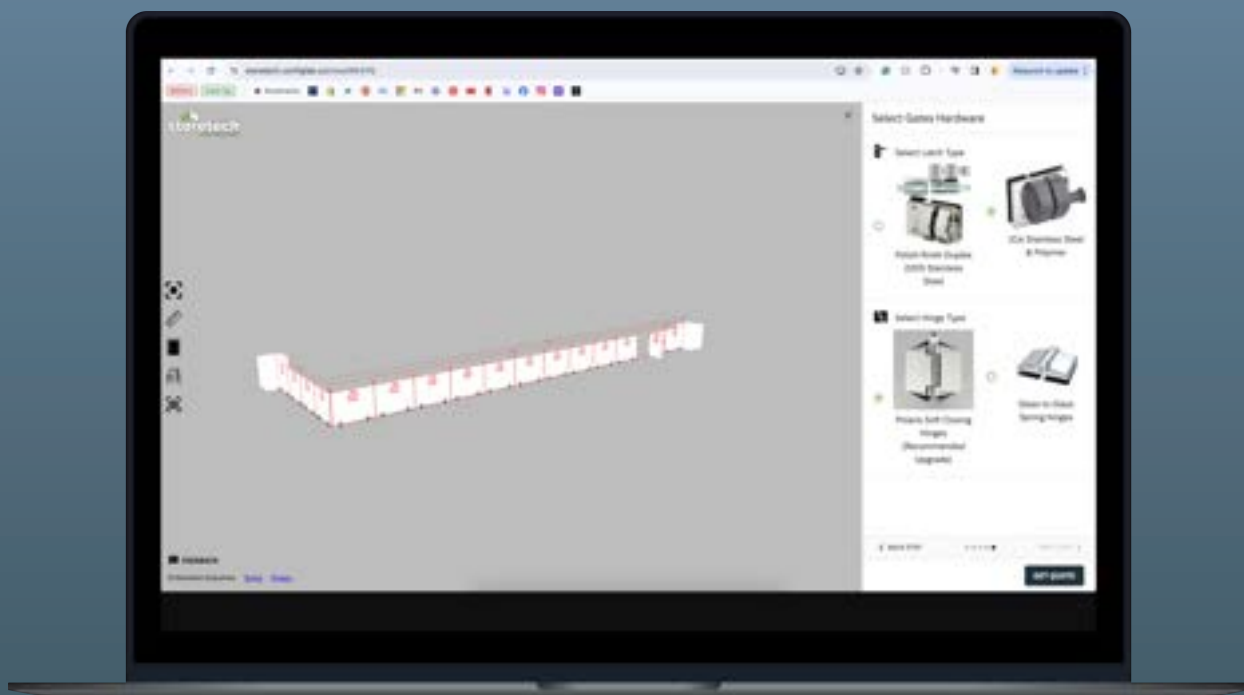


Scan to view all
BelAire fence drawings

BelAire®
DESIGNER FENCING

...make it your own!

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.



AS/NZS2208
Grade A TF
ID 7777

...make it your own!

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.

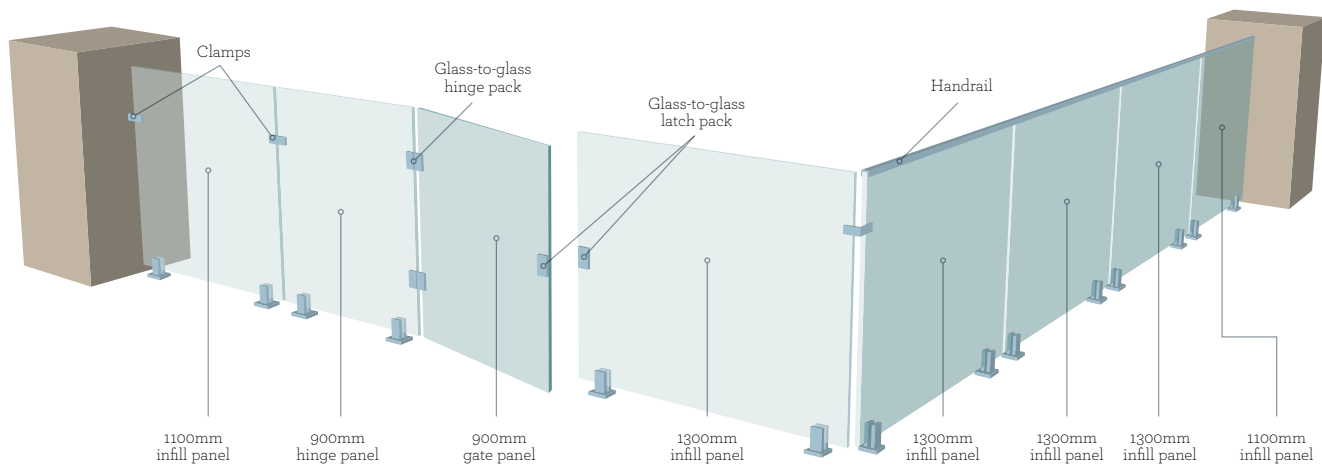
It's simple to install – most homeowners would find the system quick and easy to install using basic tools that they would have in their shed. If you'd rather get someone else to install it, we have a list of preferred installers throughout New Zealand. Call us on 0800 235 2473 and we will put you in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

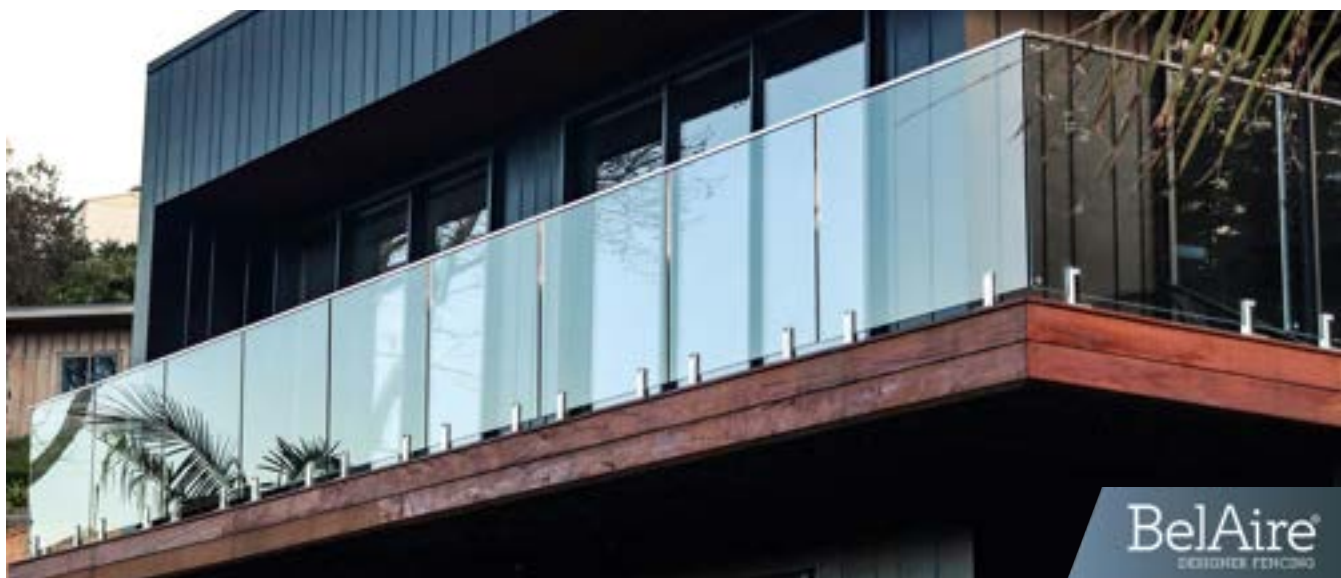
NZS 4223.3:2016

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!

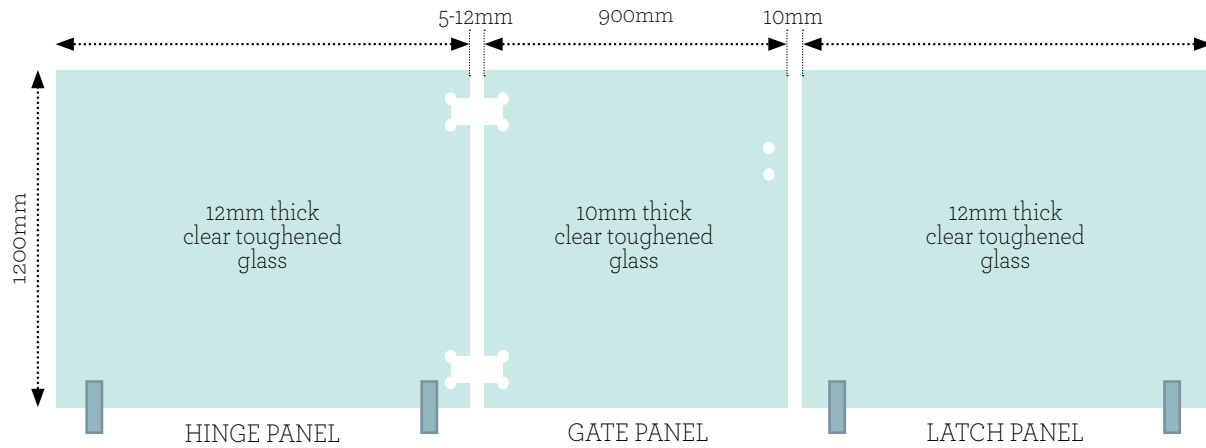
Choose to upgrade to Polaris soft-closing hinges when you order online, or just talk with one of our friendly sales representatives.



FRAMELESS GATE LAYOUTS

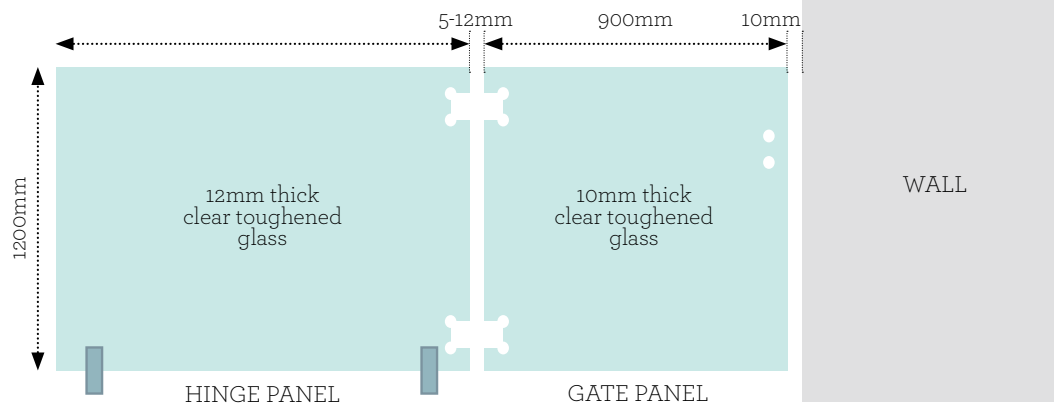
GLASS-TO-GLASS HINGES & GLASS-TO-GLASS LATCH

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



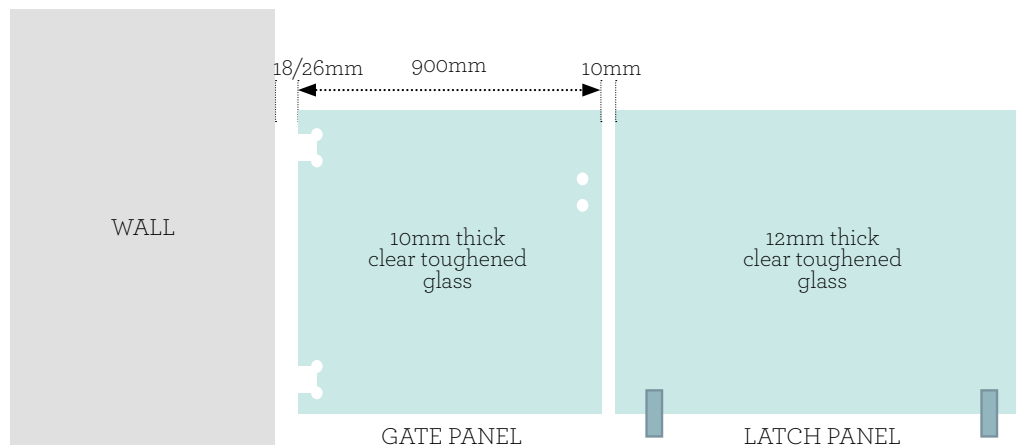
GLASS-TO-GLASS HINGES & WALL/POST GATE LATCH

- 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.

HIGHLY DURABLE

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

LOW SERVICING COSTS

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

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

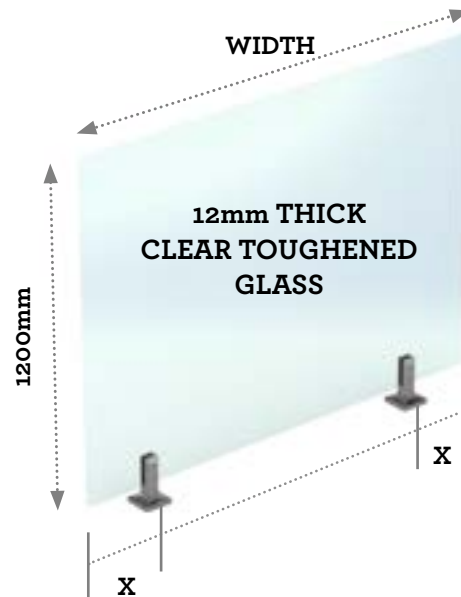
*EnduroShield's performance has been independently tested by one of the leading global testing and certification houses, TÜV Rheinland in Germany for durability, easy-clean functionality, safety and quality. Testing was carried out to simulate a lifetime of 10 years on glass for both interior and exterior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



- Easy to clean
- Durability tested

*Contact us for warranty info and terms and conditions.

FRAMELESS GLASS FENCING PANELS

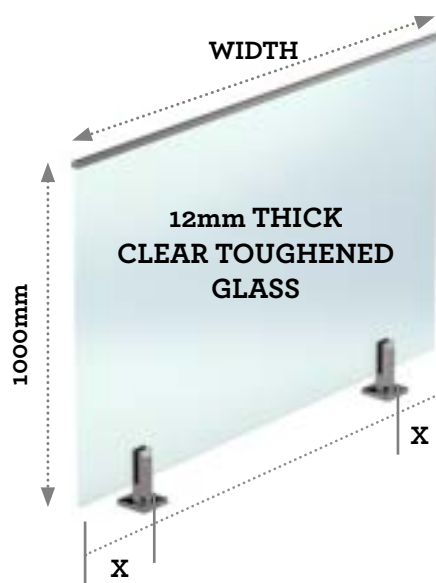


Order Code	Width	Height	Distance from Edge of panel to centre of Spigot (X)	Thickness	Sqm	Glass Weight KGS	Corner Radius
SCE0312PP	300mm	1200mm	40-60mm	12mm	0.36	11kg	2mm
SCE0412PP	400mm	1200mm	60-80mm	12mm	0.48	14kg	2mm
SCE0512PP	500mm	1200mm	75-100mm	12mm	0.60	18kg	2mm
SCE0612PP	600mm	1200mm	90-120mm	12mm	0.72	22kg	2mm
SCE0712PP	700mm	1200mm	105-140mm	12mm	0.84	25kg	2mm
SCE0812PP	800mm	1200mm	120-160mm	12mm	0.96	29kg	2mm
SCE08512PP	850mm	1200mm	127-170mm	12mm	1.02	30.6kg	2mm
SCE0912PP	900mm	1200mm	135-180mm	12mm	1.08	32kg	2mm
SCE09512PP	950mm	1200mm	142-190mm	12mm	1.14	34.2kg	2mm
SCE1012PP	1000mm	1200mm	150-200mm	12mm	1.20	36kg	2mm
SCE10512PP	1050mm	1200mm	157-210mm	12mm	1.26	37kg	2mm
SCE1112PP	1100mm	1200mm	165-220mm	12mm	1.32	38kg	2mm
SCE11512PP	1150mm	1200mm	172-230mm	12mm	1.38	41kg	2mm
SCE1212PP	1200mm	1200mm	180-240mm	12mm	1.44	43kg	2mm
SCE12512PP	1250mm	1200mm	187-250mm	12mm	1.50	45kg	2mm
SCE1312PP	1300mm	1200mm	195-260mm	12mm	1.56	47kg	2mm
SCE13512PP	1350mm	1200mm	202-270mm	12mm	1.62	49kg	2mm
SCE1412PP	1400mm	1200mm	210-280mm	12mm	1.68	50kg	2mm
SCE14512PP	1450mm	1200mm	217-290mm	12mm	1.74	53kg	2mm
SCE1512PP	1500mm	1200mm	225-300mm	12mm	1.80	54kg	2mm
SCE15512PP	1550mm	1200mm	232-310mm	12mm	1.86	56kg	2mm
SCE1612PP	1600mm	1200mm	240-320mm	12mm	1.92	58kg	2mm
*SCE12175PP	1200mm	1750mm	250mm	12mm	2.10	63kg	2mm

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



FRAMELESS GLASS BALUSTRADE PANELS



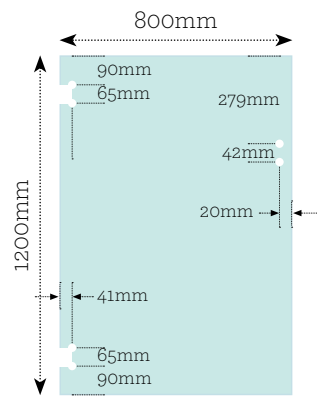
Order Code	Width	Height	Distance from Panel Edge to Centre of Spigot (X)	Thickness	Sqm	Glass Weight KGS	Corner Radius
SCE0610BP	600mm	1000mm	90-120mm	12mm	0.60	18kg	2mm
SCE0710BP	700mm	1000mm	105-140mm	12mm	0.70	21kg	2mm
SCE0810BP	800mm	1000mm	120-160mm	12mm	0.80	24kg	2mm
SCE08510BP	850mm	1000mm	127-170mm	12mm	0.85	25.5kg	2mm
SCE0910BP	900mm	1000mm	135-180mm	12mm	0.90	27kg	2mm
SCE09510BP	950mm	1000mm	142-190mm	12mm	0.95	28.5kg	2mm
SCE1010BP	1000mm	1000mm	150-200mm	12mm	1.00	30kg	2mm
SCE10510BP	1050mm	1000mm	157-210mm	12mm	1.05	31.5kg	2mm
SCE1110BP	1100mm	1000mm	165-220mm	12mm	1.10	33kg	2mm
SCE11510BP	1150mm	1000mm	172-230mm	12mm	1.15	34.5kg	2mm
SCE1210BP	1200mm	1000mm	180-240mm	12mm	1.2	36kg	2mm
SCE12510BP	1250mm	1000mm	187-250mm	12mm	1.25	37.5kg	2mm
SCE1310BP	1300mm	1000mm	195-260mm	12mm	1.3	39kg	2mm
SCE13510BP	1350mm	1000mm	202-270mm	12mm	1.35	40.5kg	2mm
SCE1410BP	1400mm	1000mm	210-280mm	12mm	1.4	42kg	2mm
SCE14510BP	1450mm	1000mm	217-290mm	12mm	1.45	43.5kg	2mm
SCE1510BP	1500mm	1000mm	225-300mm	12mm	1.5	45kg	2mm
SCE15510BP	1550mm	1000mm	232-310mm	12mm	1.55	46.5kg	2mm
SCE1610BP	1600mm	1000mm	240-320mm	12mm	1.6	48kg	2mm



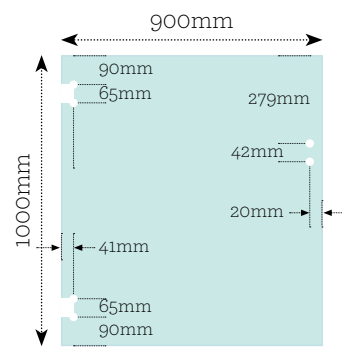
FRAMELESS GLASS GATE & HINGE PANELS

BELAIRE GATE PANELS

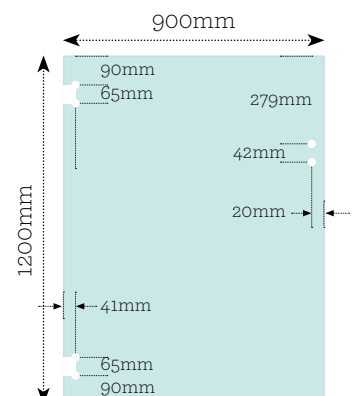
- 8 & 10mm thick clear toughened glass
- Corner radius: 2mm
- 10mm supplied as standard



Order Code: SCE0812GP PH
Glass weight: 19.9kg



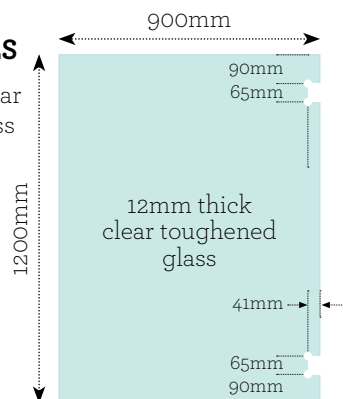
Order Code: SCE0910GP PH
Glass weight: 21.6kg



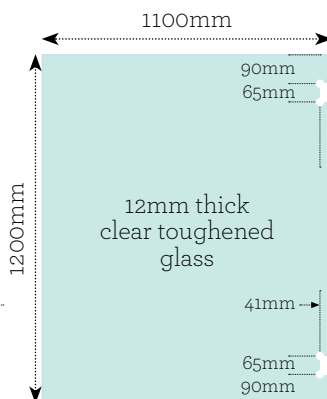
Order Code: SCE0912GP PH
Glass weight: 28kg

BELAIRE HINGE PANELS

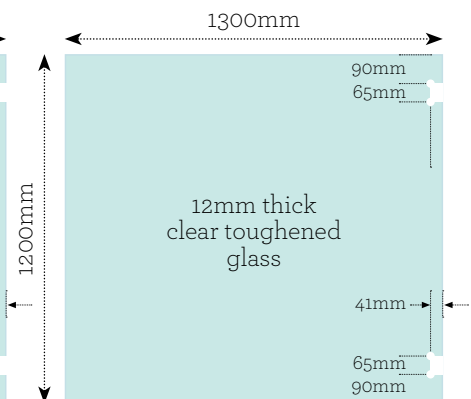
- 12mm thick clear toughened glass
- Corner radius: 2mm



Order Code: SCE0912HP PH
Glass weight: 32.4kg



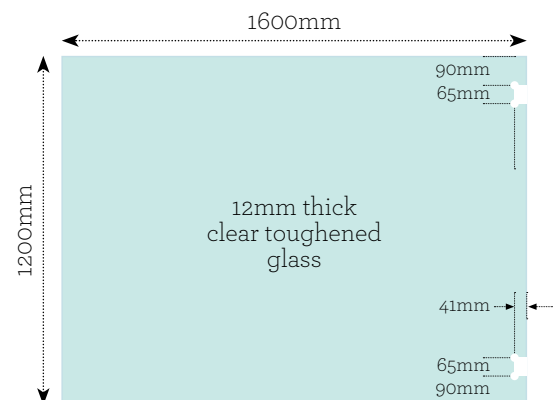
Order Code: SCE1112HP PH
Glass weight: 38kg



Order Code: SCE1312HP PH
Glass weight: 46.8kg



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	
Low	Below 32 m/s
Medium	37 m/s
High	44 m/s
Very	50 m/s
Extra	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

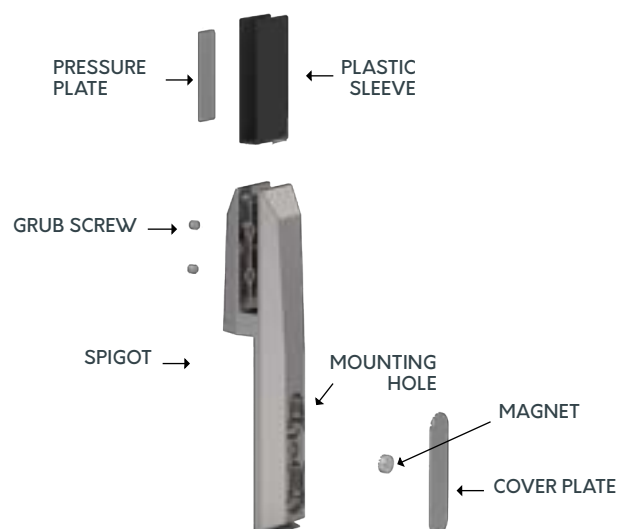
Polish Finish Code: SCESMS24

Black Finish Code: SCESMS24 B

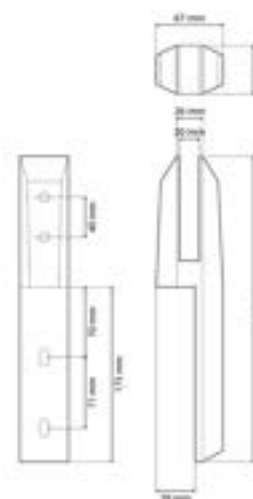
Stainless Satin Finish Code: SCESMS S



SPIGOT PARTS

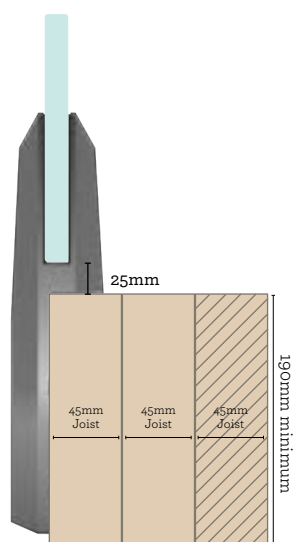


SPIGOT DIMENSIONS



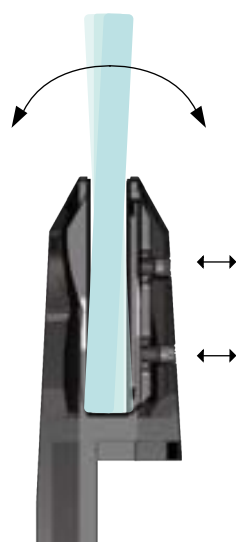
DECK LAYOUT

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 FIXINGS

CONCRETE

SCECHSA-K
M10 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*

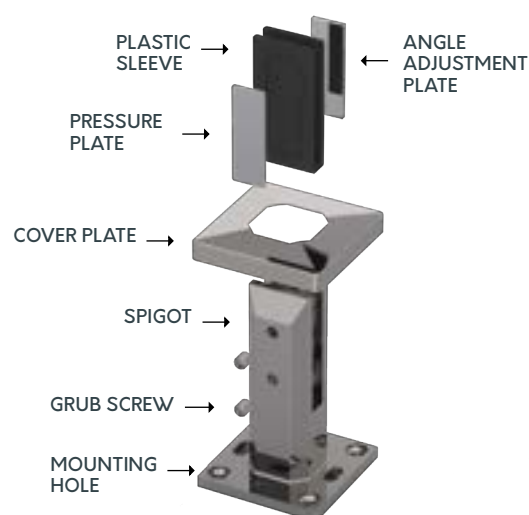
TEKAPO BASE PLATE SPIGOT

Duplex 2205 Stainless Steel

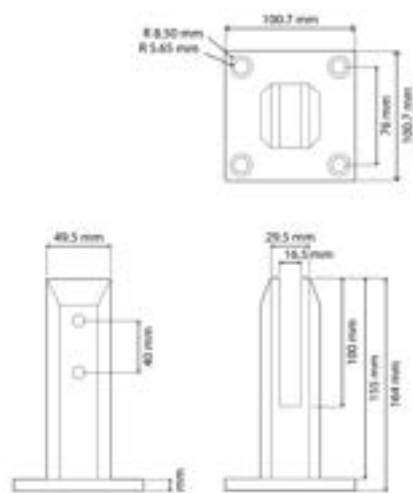
BASE PLATED Spigot
Polish Finish Code: SCEPSSP
Black Finish Code: SCEPSSP B
Satin Finish Code: SCEPPSP
COVER PLATE
 Polished, Black or Satin Finish



SPIGOT PARTS



SPIGOT DIMENSIONS



DECK LAYOUT

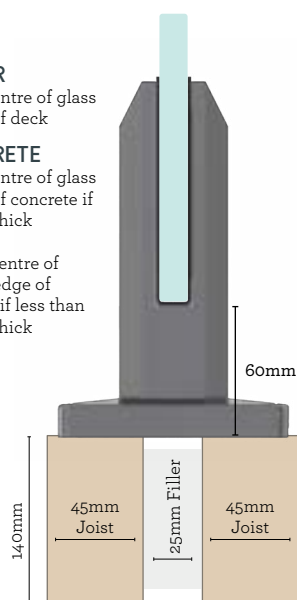
Please take into account the distance from the edge of decking/ concrete to the centre of glass on internal and external corners.

TIMBER

60mm centre of glass to edge of deck

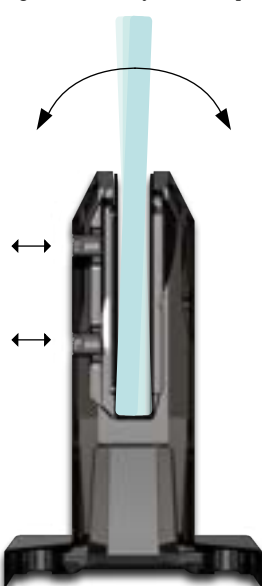
CONCRETE

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 chemset

TIMBER

SCETCSK
Timber CSK screw



**1yr warranty on powder coated spigots.



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

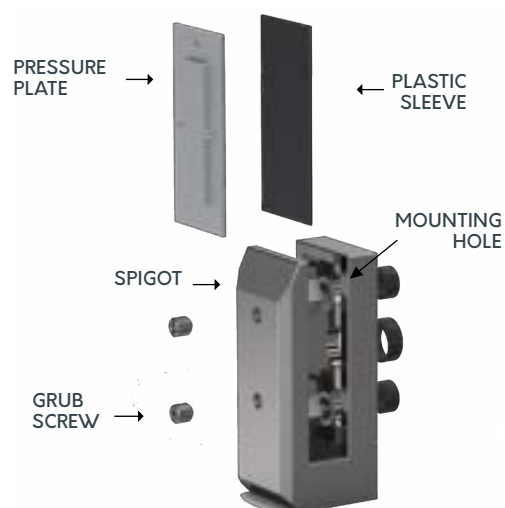
AORAKI FACE MOUNT SPIGOT

Duplex 2205 Stainless Steel

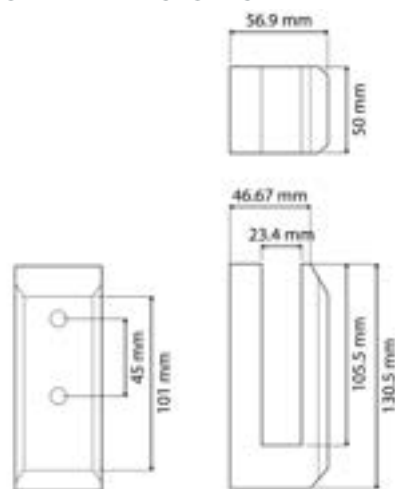
FACE MOUNTED Spigot - FRICTION FIT
Polish Finish Order Code: SCEFMST
Black Finish Order Code: SCEFMST B



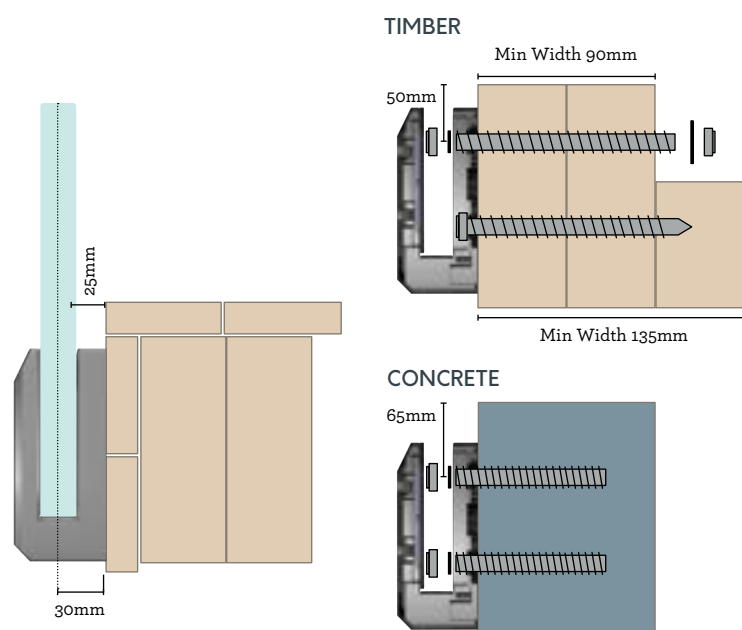
SPIGOT PARTS



SPIGOT DIMENSIONS



DECK LAYOUT OPTIONS



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

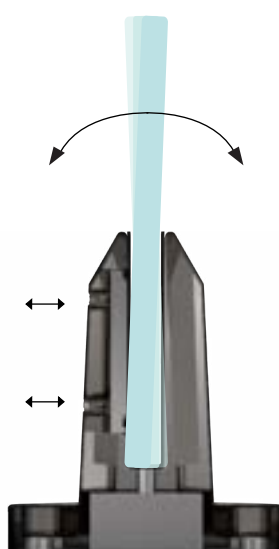
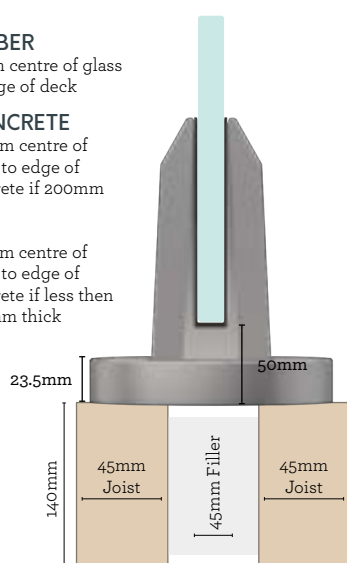
Easily adjust the angle of glass panels in the Milford Spigot by tightening the top or bottom grub screw against the adjustment plate.

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 than
200mm thick

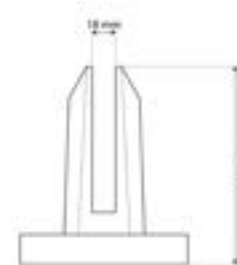
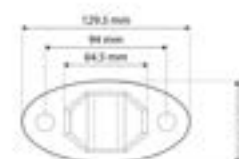


**1yr warranty on powder coated spigots.

SPIGOT PARTS



SPIGOT DIMENSIONS



SPIGOT FIXINGS

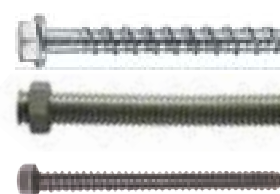
CONCRETE

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



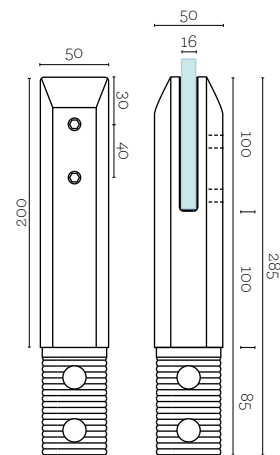
Polish Finish

Black Finish

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

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

Recommend to use with SIKA Grout
 212 NZ



FIXINGS FOR ALL SPIGOTS

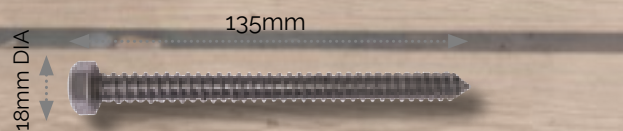
TIMBER FIXINGS



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

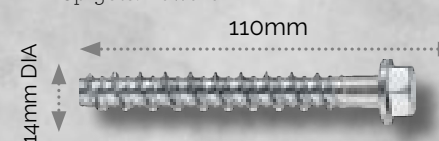
- Self tapping 95mm length with 10mm outer; M8 diameter screw
- Spigots: Tekapo, Rakaia Channel
- Drill a 8mm Hole



M10 Concrete Wedge anchor x 110mm Stainless Steel

Code: SCECHSA-K

- Spigots: Kaweka



M10 Concrete Screw Anchor 110mm Long
Stainless Steel 316 (Hex head drive)

Order Code: SCECHSA

- Self tapping 110mm length
- Spigots: Milford, Kaweka



Threaded Rod

Stainless Steel 316 (Hex head drive)

M10 Order Code: SCETHR10

(for Rakaia Channel)

- Chemset also supplied for concrete applications - ask our sales team for more info
- Drill a 14mm hole when using Chemset



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

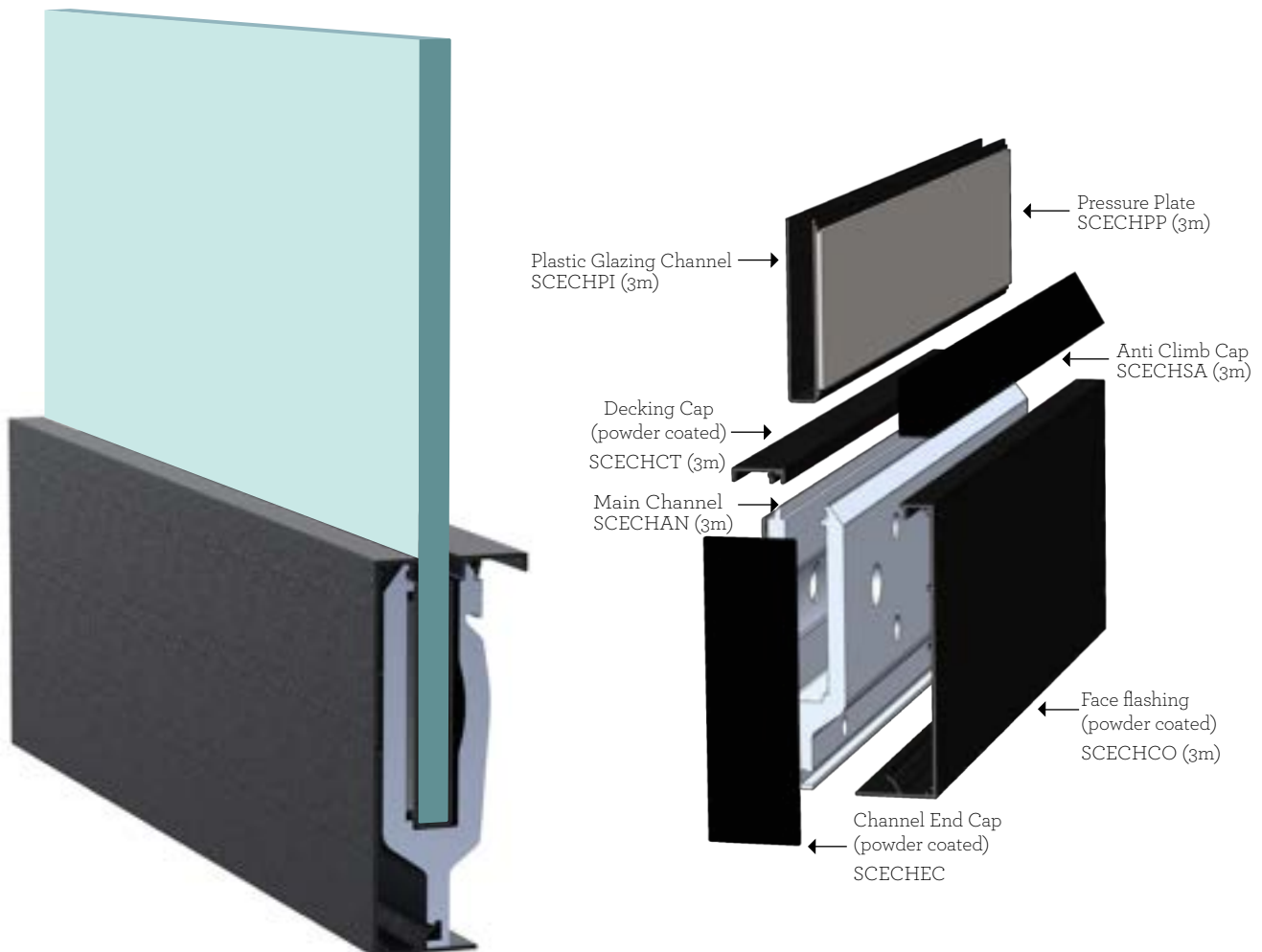
Concrete Order Code: SCECHC

*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)	SCECHSA Anti Climb Cap (per unit)



RAKAIA CHANNEL

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

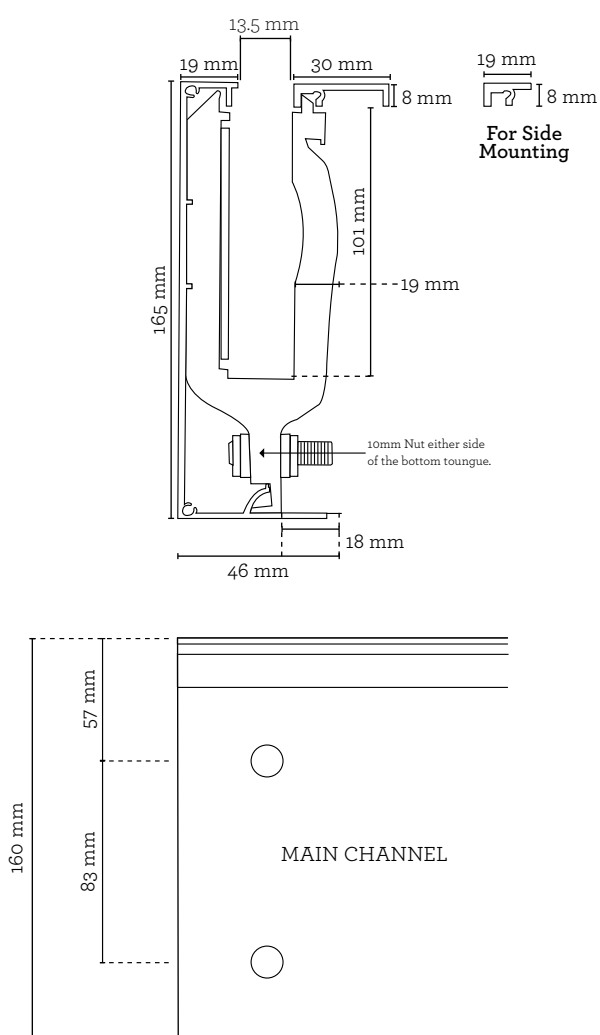
Wind zones.

OCCUPANCY TYPE

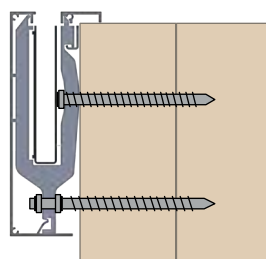
Suitable for occupancy types A, B, E and C3

Occupancy types as per AS/NZ 1170.1.2002

CHANNEL DIMENSIONS



DECK LAYOUTS / FIXINGS



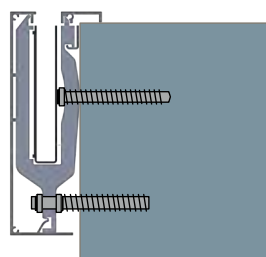
TIMBER FLUSH MOUNT

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)



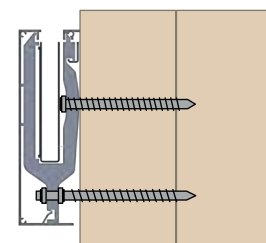
CONCRETE FLUSH MOUNT

SCECCSA

For the top fixing M8 Countersunk
concrete screw

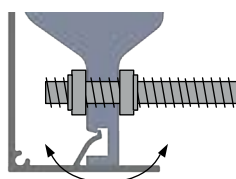
SCETHR10

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)

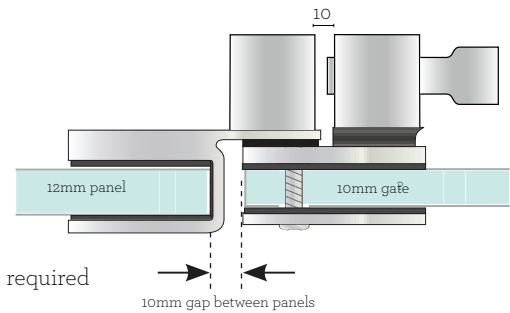
GLASS-TO-GLASS LATCH KIT Polish Finish Duplex 2205 Stainless Steel



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



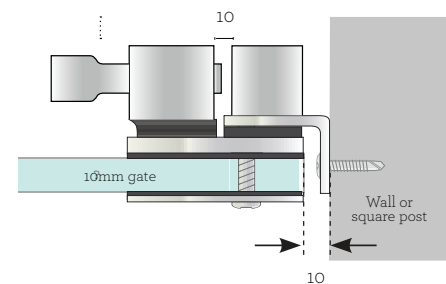
GLASS-TO-WALL SQUARE POST LATCH KIT Polish Finish Duplex 2205 Stainless Steel



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



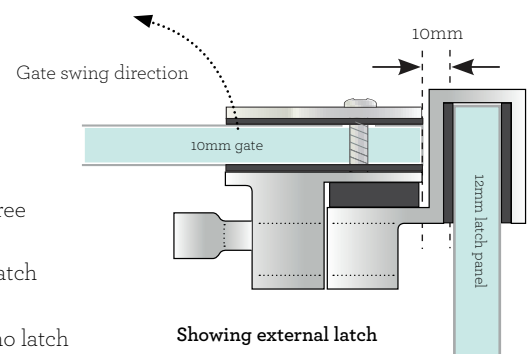
Showing external latch

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

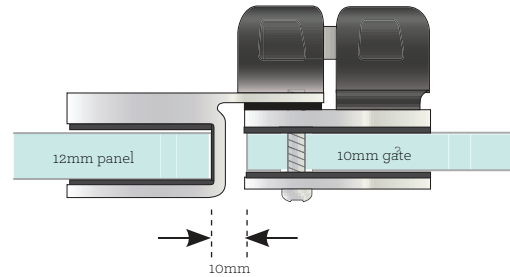
316 Stainless Steel & Polymer



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
- Lockable



GLASS-TO-GLASS 90° LATCH KIT

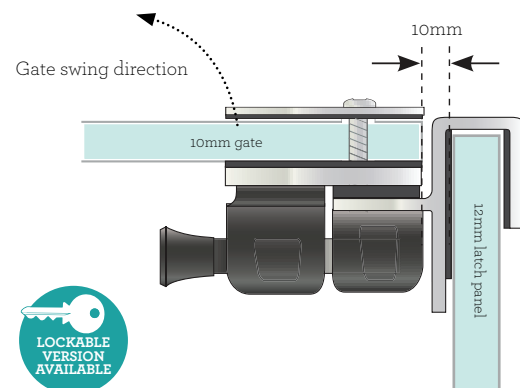
(external fit) 316 Stainless Steel & Polymer



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

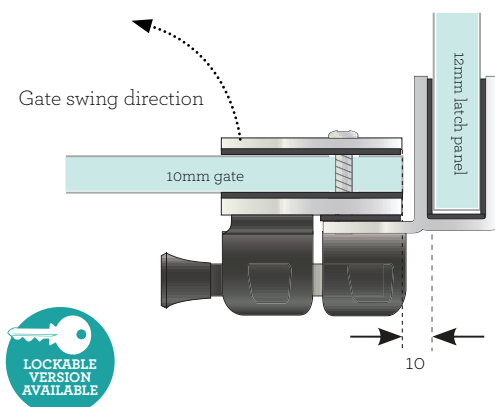
(internal fit) 316 Stainless Steel & Polymer



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



GLASS-TO-WALL/ SQUARE POST LATCH KIT

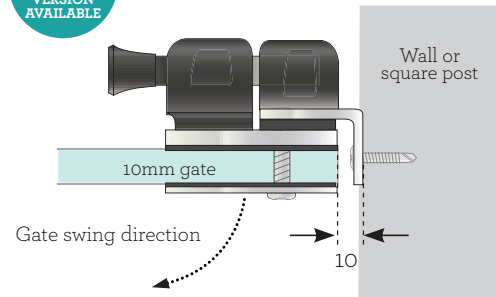
316 Stainless Steel & Polymer



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

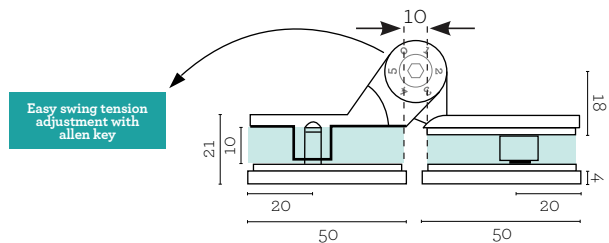
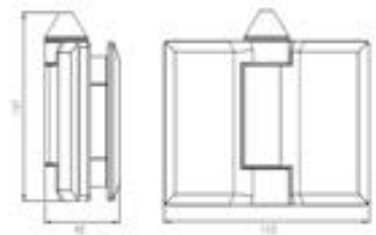
Satin Finish Order Code: SCEHPHSN S

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



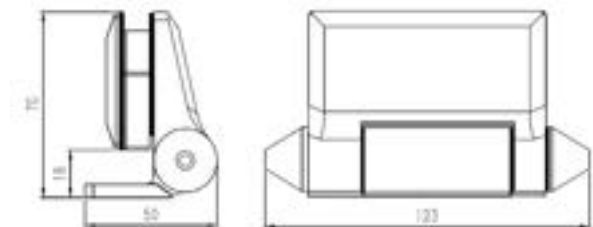
Polish Finish
 Order Code: SCEHPGWHSN

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)

POLARIS SOFT CLOSING GLASS-TO-GLASS HINGE

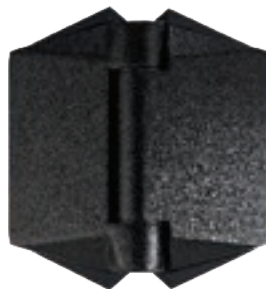
125 Series Pool Hinge

NO SLAMMING!
SOFT CLOSING GATE HINGES



Polish Finish

Order Code: SCEPHGG



Black Finish

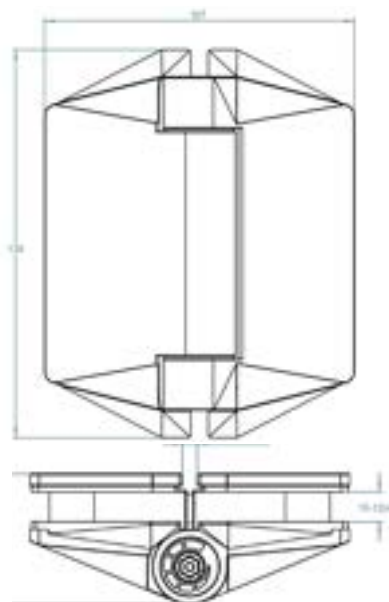
Order Code: SCEPHGG B

Satin Finish

Order Code: SCEPHGG S

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.



Easy swing tension
adjustment with
allen key

POLARIS 125 SERIES GLASS-TO- WALL HINGES

(set of 2) Duplex 2205 Stainless Steel



Polish Finish

Order Code:
SCEPHGW



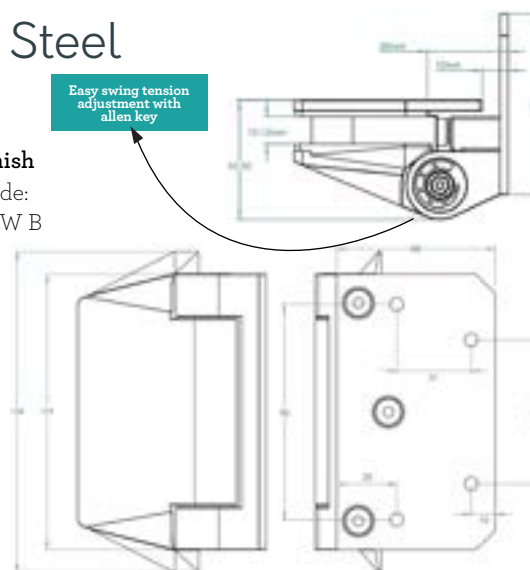
Black Finish

Order Code:
SCEPHGW B

Satin Finish

Order Code:
SCEPHGW S

Easy swing tension
adjustment with
allen key



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 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)

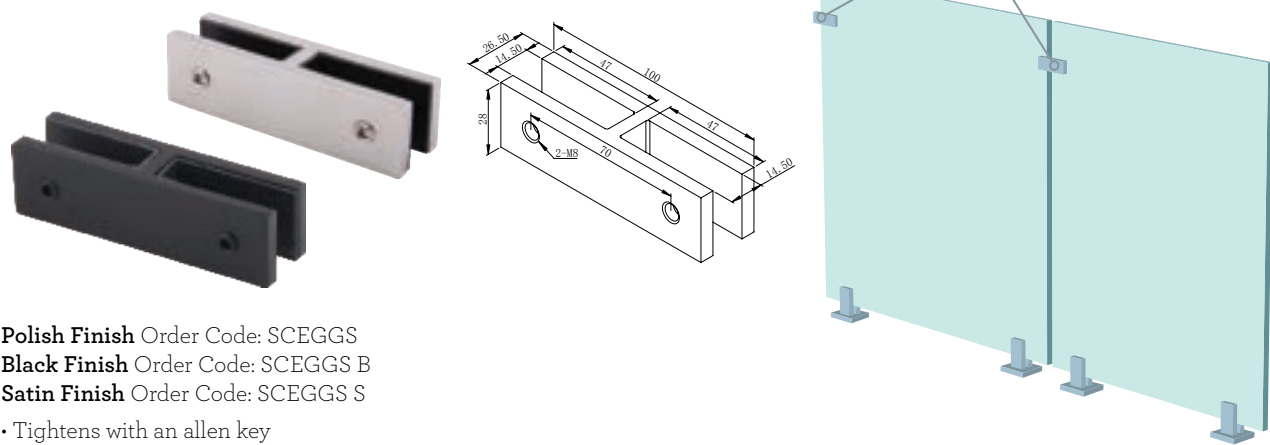
BelAire
DESIGNER FENCING

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

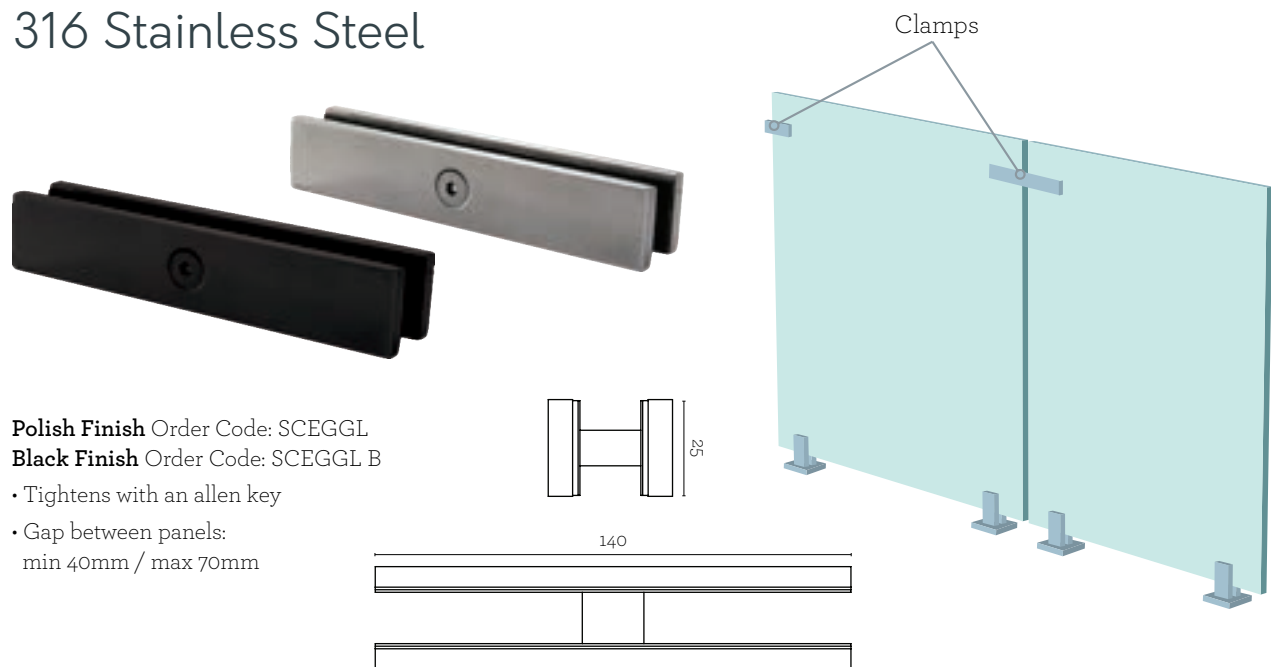


Polish Finish Order Code: SCEGGS
Black Finish Order Code: SCEGGS B
Satin Finish Order Code: SCEGGS S

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

LARGE RIGI CLAMP

316 Stainless Steel

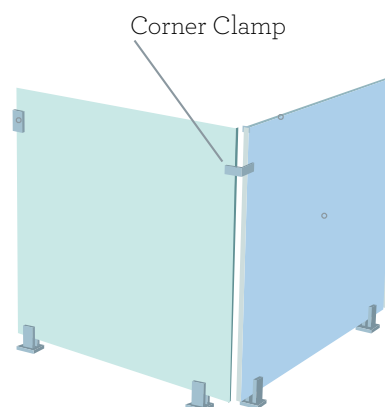
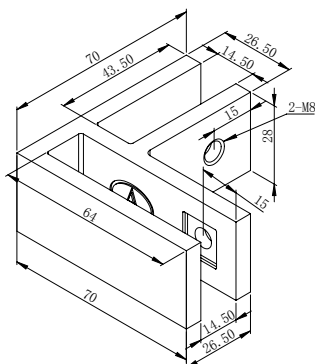


Polish Finish Order Code: SCEGGL
Black Finish Order Code: SCEGGL B

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

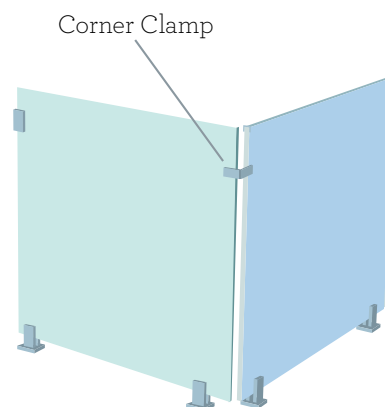
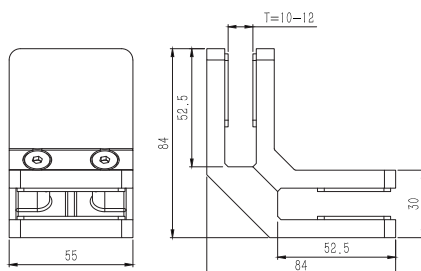
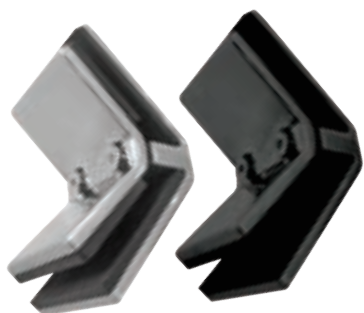
CLAMPS & HANDRAILS

90° RIGI CLAMP 316 Stainless Steel



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

90° HEAVY DUTY CORNER CLAMP 316 Stainless Steel

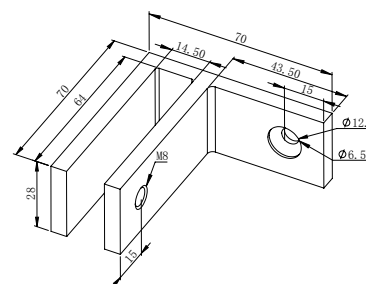
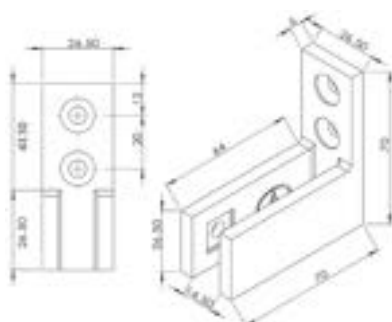
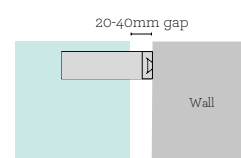
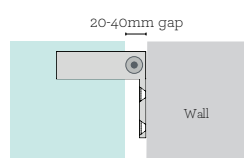


Polish Finish Order Code: SCEGG90HD
Black Finish Order Code: SCEGG90HD B
Satin Finish Order Code: SCEGG90HD S

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)
Satin Finish Order Code: SCEGWV S (Vertical)



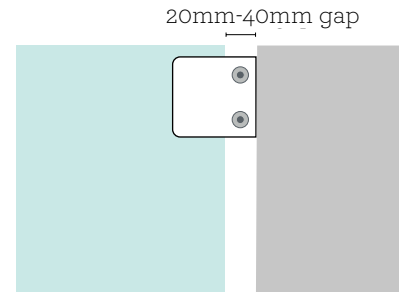
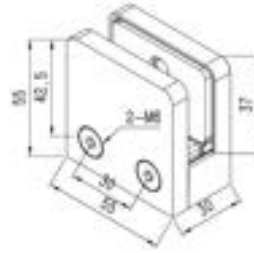
VERTICAL

HORIZONTAL



HEAVY DUTY WALL CLAMP

316 Stainless Steel

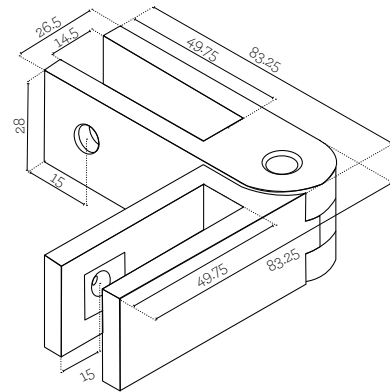
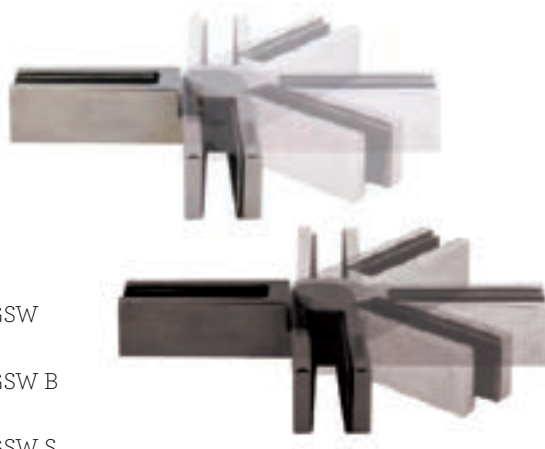


Polish Finish Order Code: SCEGWHD
Black Finish Order Code: SCEGWHD B
Satin Finish Order Code: SCEGWHD S

- Adjustable with allen key
- Counter sunk screw holes

SWIVEL RIGI CLAMP

316 Stainless Steel



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

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

HANDRAIL – 5800mm x 25mm x 21mm

316 Stainless Steel



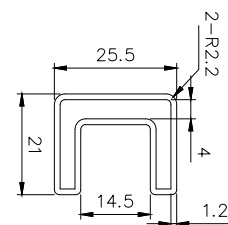
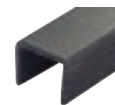
Black Finish

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

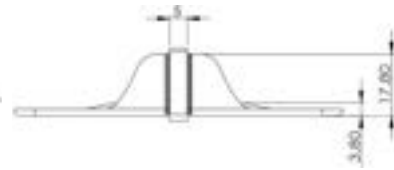
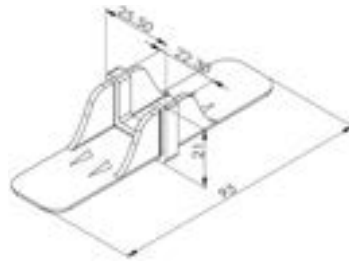
SPECIFICATION

- 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, commonly referred to as a "nano-rail".



180° CONNECTOR – 25mm x 21mm

316 Stainless Steel



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

Polish Finish

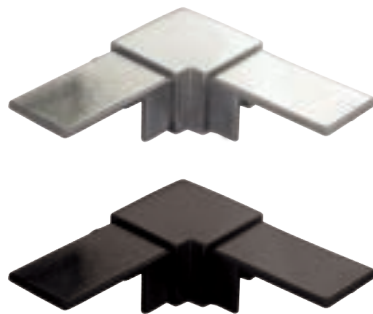
Order Code: SCEHR180

Black Finish

Order Code: SCEHR180 B

90° CONNECTOR – 25mm x 21mm

316 Stainless Steel

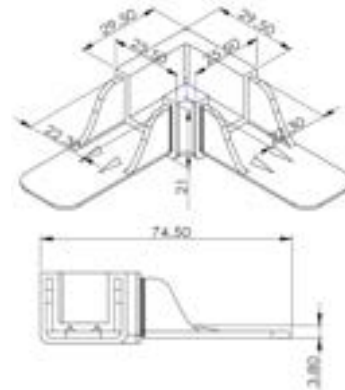


Polish Finish Order Code: SCEHR90

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

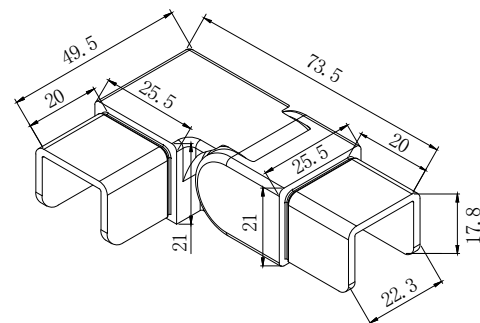
Order Code: SCEHRSCJR

Black Finish

Order Code: SCEHRSCJR B

RIGHT SPECIFICATION

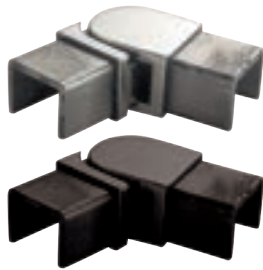
- Variable angle corner joiner
- From straight rail, achieve up to 90 degrees right angle joining
- Epoxy glue, weld or drill/top tube for joining strength



SWIVEL HORIZONTAL CONNECTOR

316 Stainless Steel

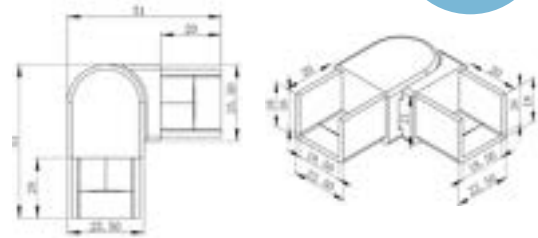
VARIABLE
ANGLE



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

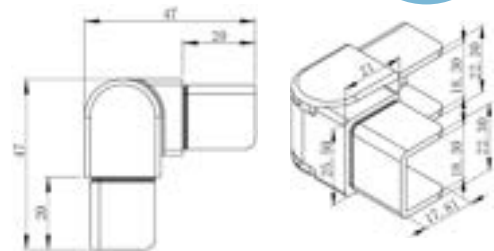
Order Code: SCEHRV

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

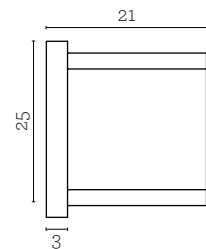
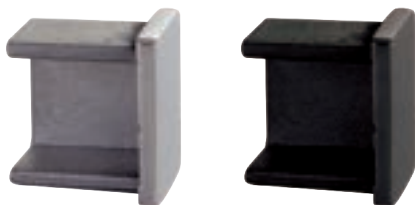
316 Stainless Steel

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:

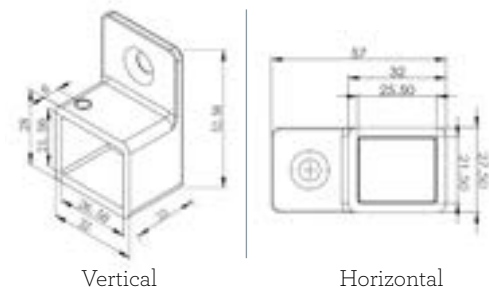
SCEHRWC B (Vertical)

SCEHRWCH B (Horizontal)

SCEHRWCHL B (Horizontal Extra Long)

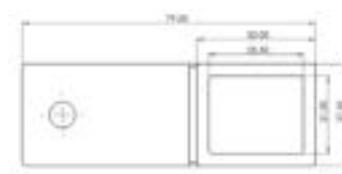
SPECIFICATION

- 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



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
105m 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 Aluminium 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.



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



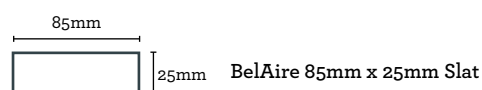
Why Choose BelAire Slat Fencing?

KEY FEATURES

See below our strength test of the BelAire 85 x 25 mm slat. What 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, 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



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



**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)

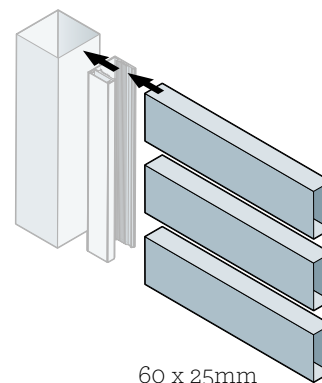
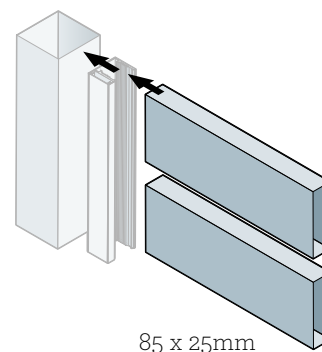
2930mm (length) x 85mm (height) x 25mm (width)

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



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 25

Code: BSHOXXXX



Post Centres:

1545mm, 2410mm, 2710mm, 3010mm

Fence Panel Heights:

1210, 1430, 1760, 1980mm

Slats:

85mm x 25mm

Slat Gaps

25mm

Horizontal Slat Panel Solid

Code: BSHSXXXX



Post Centres:

2410mm

Fence Panel Heights:

1190, 1445, 1785, 1955mm

Slats:

85mm x 25mm

Slat Gaps

0mm

*Measurements 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

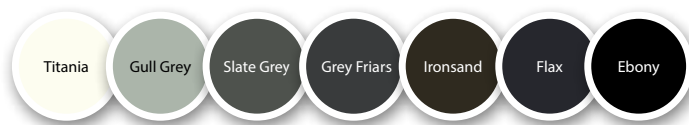
Suitable for Fence Heights: 900mm – 2400mm

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



**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.

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

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

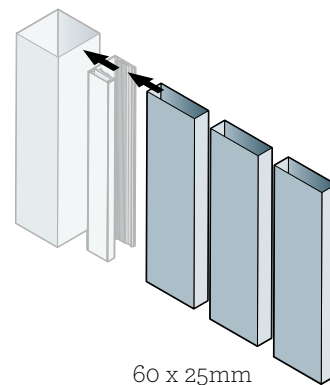
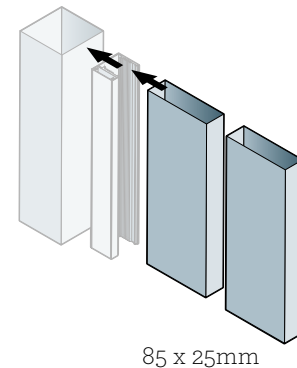
2930mm (length) x 85mm (height) x 25mm (width)

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



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 Solid

Code: BSVSXXXX



Post Centres:

2380mm, 2720mm, 2970mm

Fence Panel Heights:

1200, 1500, 1800, 2000mm

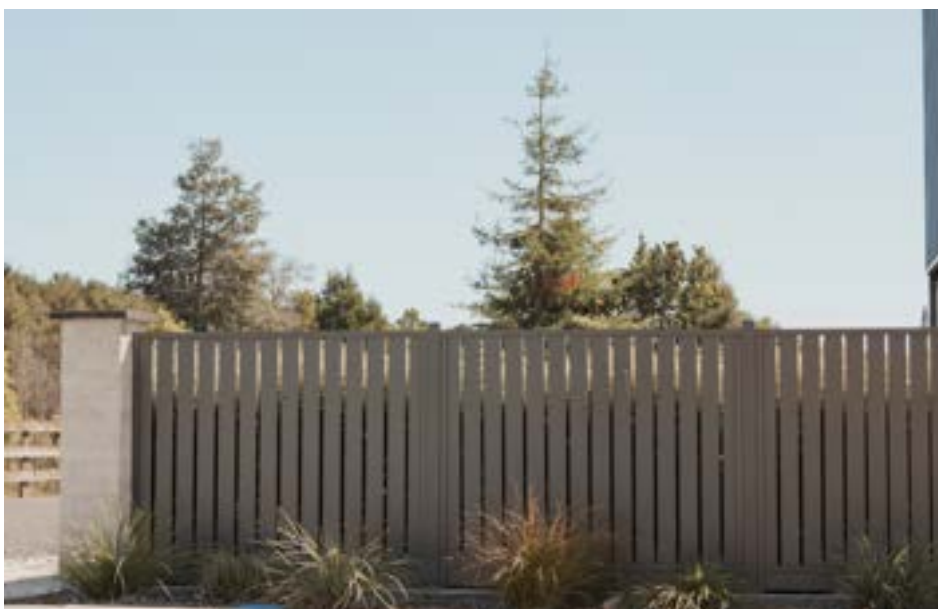
Slats:

85mm x 25mm

Slat Gaps

0mm

*Measurements based on 60mm x 60mm posts



60X25MM HORIZONTAL & VERTICAL SLAT FENCING



Only available 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
(Caps included)



FLANGED BASE POSTS

SCREWED/KITSET



120 x 120mm
Screw on flanged base
(60 x 60mm post)
(89mm Hole centres)
Code: FP6020xx



160 x 160mm
Screw on flanged base
(90 x 90mm post)
(130mm Hole centres)
Code: FP9020xx

WELDED



120 x 120mm
Welded flanged base
(60 x 60mm post)
(89mm Hole centres)
Code: FPPC6020



160 x 160mm
Welded flanged base
(90 x 90mm post)
(130mm Hole centres)
Code: FPPC9020

ADJUSTABLE ANGLE FLANGED BASE POSTS



20° - 72° Degree
flanged adjustable angle base
Code: AFP6020
(Caps included)

*The angle you require for the adjustable 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

EXPOSED 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

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

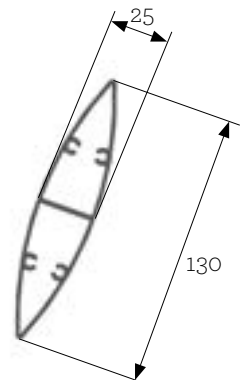
Louvre fence height options:

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.**



MODULAR BIN AND UTILITY SCREENS

Great screens for hiding and securing those everyday around the house essentials that you don't want to be 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.

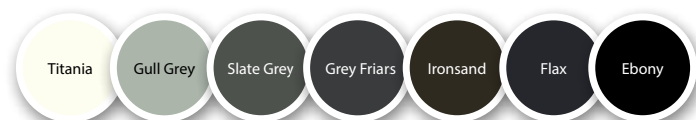




Where Functionality Meets Elegance

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

Colour Options



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!



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 (height reflects back of unit)

650 Single



Size:
650x650x1160
0.46m³ 0.42m²
465 Litres

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

Codes: UG650S
UG650S-WM (wall-mounted)

650 Double



Size:
1100x650x1160
0.79m³ 0.71m²
785 Litres

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

Codes: UG650D
UG650D-WM (wall-mounted)

650 Triple



Size:
1600x650x1160
1.2m³ 1.04m²
1144 Litres

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

Codes: UG650T
UG650T-WM (wall-mounted)

850 Single



Size:
850x850x1160
0.79m³ 0.72m²
795 Litres

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

Codes: UG850S
UG850S-WM (wall-mounted)

850 Double



Size:
1420x850x1160
1.32m³ 1.27m²
1328 Litres

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

Codes: UG850D
UG850D-WM (wall-mounted)

850 Triple



Size:
2000x850x1250
1.87m³ 1.7m²
1870 Litres

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

Codes: UG850T
UG850T-WM (wall-mounted)

900 Open Top Horizontal



Codes:
3 Sided: UG900H3
4 Sided: UG900H4

Size:
1600x900x1200
1.728m³ 1.44m²
1728 Litres

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

900 Open Top Vertical



Codes:
3 Sided: UG900V3
4 Sided: UG900V4

Size:
1600x900x1200
1.728m³ 1.44m²
1728 Litres

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

UGLEE RANGE Sizing: WxDxH in mm (height reflects back of unit)

AC Small



Size:
1100x500x800 | 0.44m³ | 0.55m² |
440 Litres
Can Fit:
1 X Small AC unit
Codes: UGACS
UGACS-Open (open top)

AC Large



Size:
1100x500x1000 | 0.55m³ | 0.55m² |
550 Litres
Can Fit:
1 X Large AC unit
Codes: UGACL
UGACL-Open (open top)

Gas Bottle



Size:
1100x500x1650 | 0.90m³ | 0.55m² |
908 Litres
Can Fit:
Gas bottles, Large AC units
Codes: UGGB
UGGB-Open (open top, no roof)

The Monsta



Size:
1980x1200x1250 | 2.82m³ | 2.37m² | 2820 Litres
Can Fit:
BBQs pool pumps & filters, e-bikes, lawnmowers,
garden tools
Codes: UGM
UGM-WM (wall-mounted)

The Shed



Size:
2470x1300x2070 | 6.45m³ | 3.21m² | 5,800 Litres
Can Fit:
Firewood, Bikes, Lawn mowers, Garden tools,
BBQs
Codes: UGWS
UGWS-WM (wall-mounted)

UGLEE ACCESSORIES RANGE

Support Arm

(Optional extra)
Recommended for high wind zones



Code: UGSA



Bin Lid Cable



(Optional extra)
One cable must be
ordered per bin.

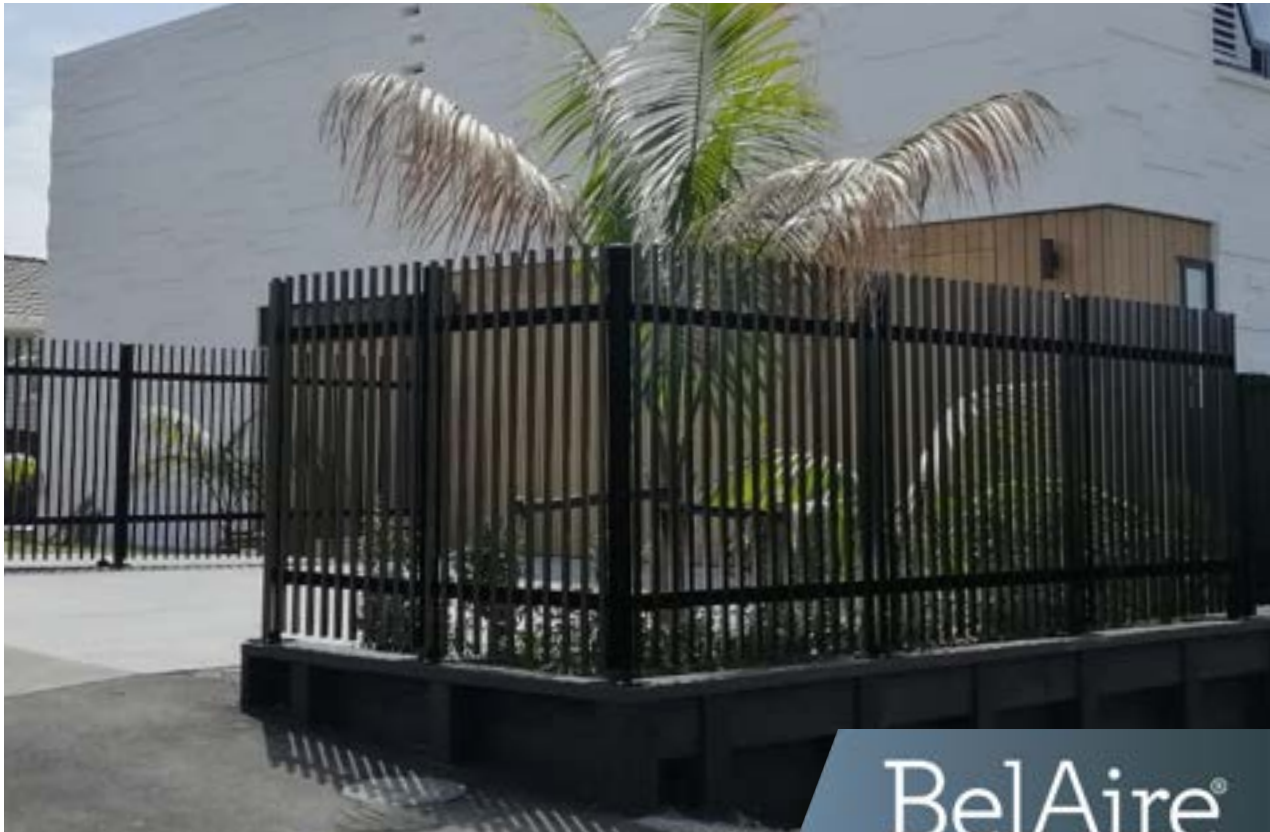
Code: UGBLL



Oblique Fencing

BelAire®
DESIGNER FENCING

...make it your own!



BelAire®
DESIGNER FENCING

...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, whilst 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



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

OBLIQUE FENCING

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

Oblique slat thickness: 25mm

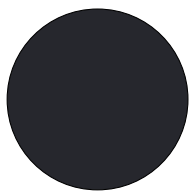
Fence heights: 1200mm , 1500mm, 1800mm

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

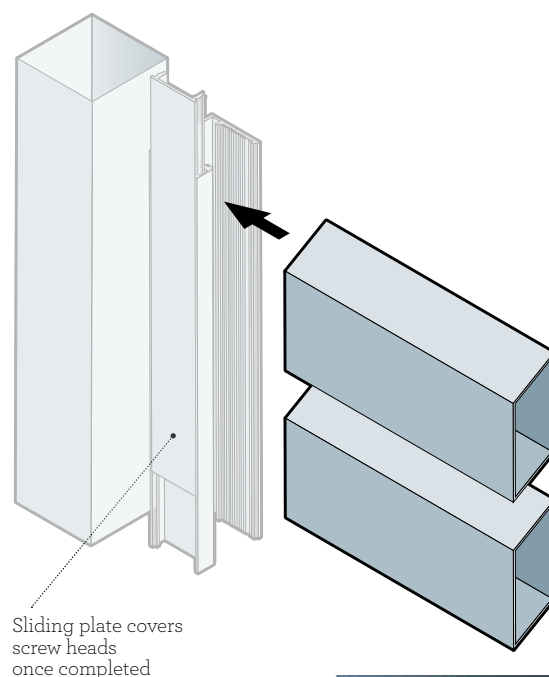
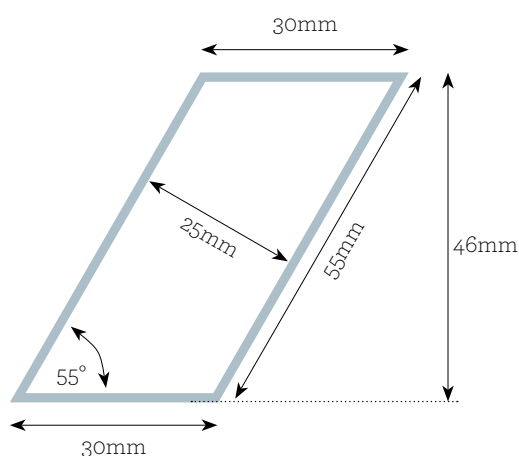
BelAire oblique fencing posts, channels and slats are supplied in powder coated Dulux Flaxpod. They can also be supplied in any Dulux powder coat colour of your choice at additional cost. The Dulux powder coating chart can be found at: www.duluxpowdercoatings.co.nz

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

OBLIQUE SLATS

Oblique slat construction:

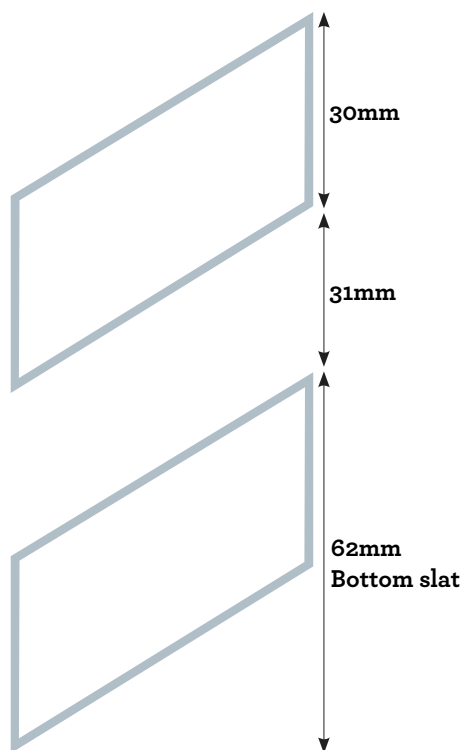
1.2mm powder coated aluminium.



Sliding plate covers screw heads once completed

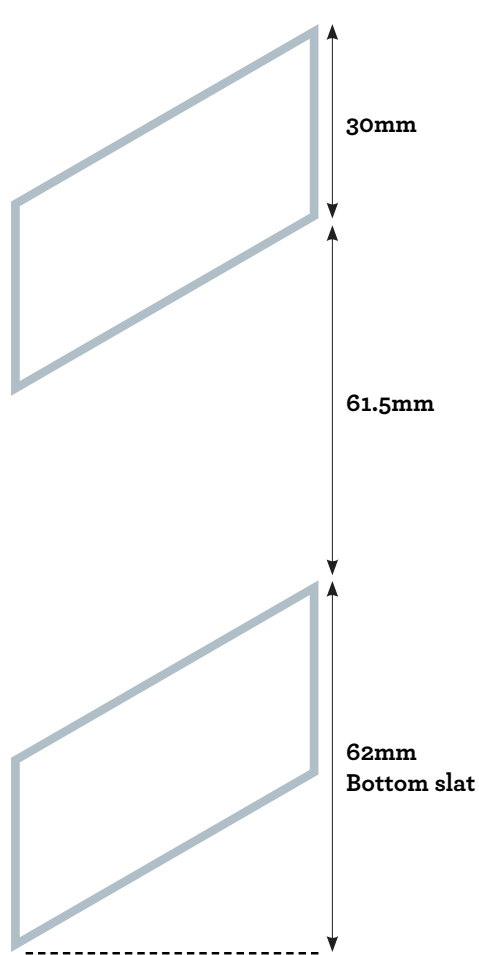
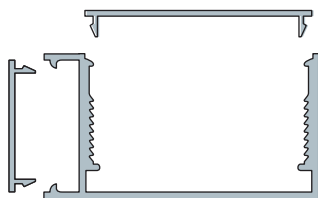


OBLIQUE SPACING



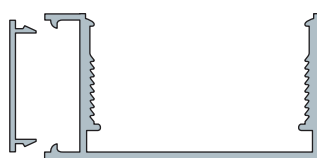
Oblique Channel & Double
Cover per metre - Flax Colour
Used in face fix option

Code: **BOBCHPM-D**

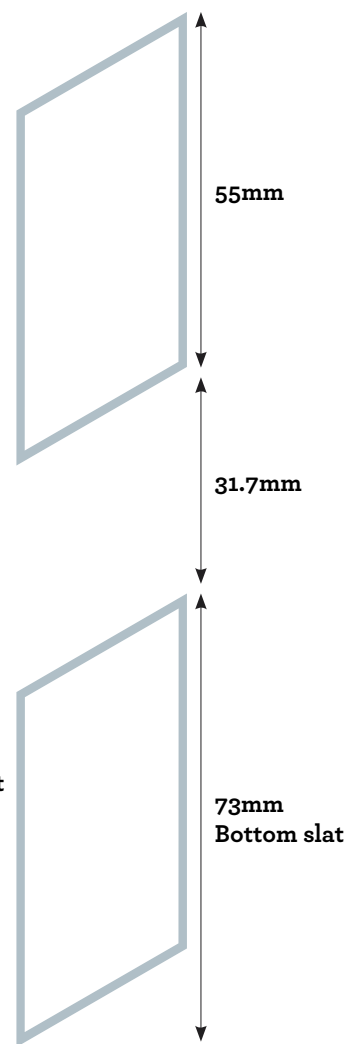


Oblique Channel & Single Cover
per metre - Flax Colour

Code: **BOBCHPM-S**

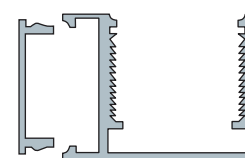


Channel Size:
60mm Wide x 32mm High



Slat Channel & Cover Metre
Rate - Flax Colour

Code: **BSLCHPM-FX**



Channel Size:
39mm Wide x 32mm High

Oblique Bracket for
Vertical mounted

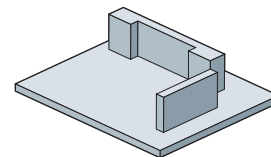
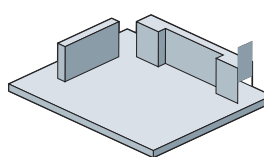
Code: **BOBEB**



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.

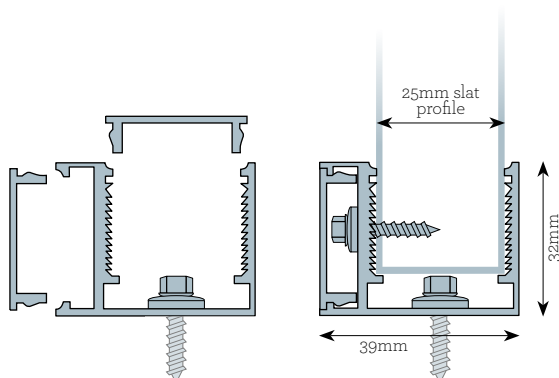


Oblique codes

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

OBLIQUE FENCING CONFIGURATIONS

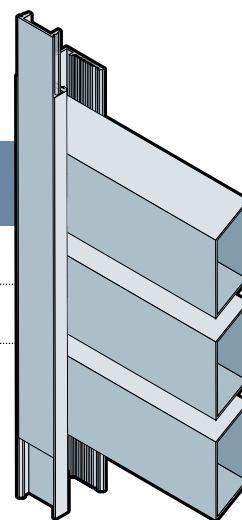
CHANNEL FIX / 25mm PROFILE



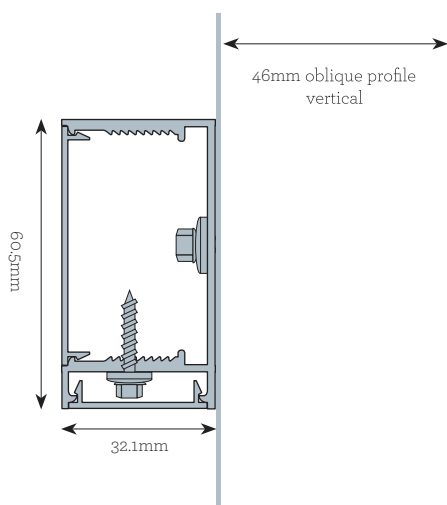
HORIZONTAL SLATS

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



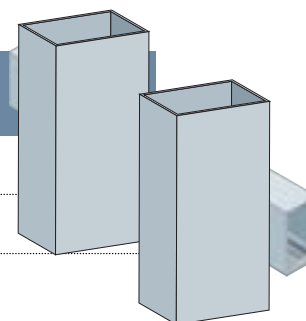
VERTICAL FACE FIX



VERTICAL SLATS - ANGLE MOUNTED

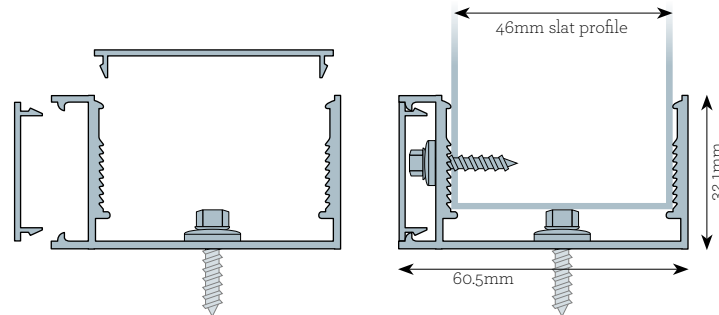
30mm face + 61.5mm gap between slats

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

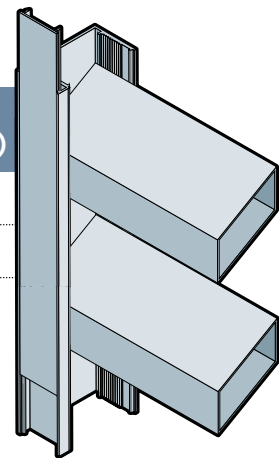
CHANNEL FIX / 46mm PROFILE



HORIZONTAL SLATS

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

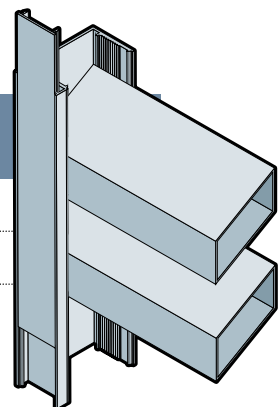
BOP1224 H46	Height: 1160mm	Width: 2350mm	Slats: 13 @ 2330mm long
BOP1524 H46	Height: 1526mm	Width: 2350mm	Slats: 17 @ 2330mm long
BOP1824 H46	Height: 1800mm	Width: 2350mm	Slats: 20 @ 2330mm long



HORIZONTAL SLATS - FULL PRIVACY

30mm face + 31mm gap between slats (Allow 62mm for bottom slat)

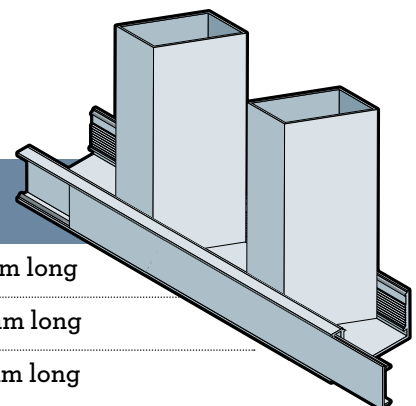
BOP1224 H46 PVT	Height: 1160mm	Width: 2350mm	Slats: 19 @ 2330mm long
BOP1524 H46 PVT	Height: 1526mm	Width: 2350mm	Slats: 25 @ 2330mm long
BOP1824 H46 PVT	Height: 1831mm	Width: 2350mm	Slats: 30 @ 2330mm long



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**





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

OBLIQUE FENCING



Kotuitui Development

After Ace Landscapes installed traditional timber fences for Kāinga Ora Homes Kotuitui development they could see how it could degrade after a few weeks. Then they came across BelAire Designer Fencing's aluminium slat fencing range, which provided them a good, strong, and low maintenance system that would look great for many years.

Project Specifications:

Vertical Slats Fencing

1200, 1500 and 1800mm high

Flush Capping, Slatted Bays and Solid Bays

85x25mm slats, used to create open and closed sections within 60x60mm posts. Bay widths varied from 1800 – 2400mm

Colour

Flax (matches Dulux Flaxpod)

Before



After



**BELAIRE
SLAT FENCING
IS F9 COMPLIANT FOR
REISIDENTIAL 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!



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 customised 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.





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 customisation 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 BALUSTRADE PANEL

Post Centers: 1650mm

Fence Panel Heights: 950, 1200mm

Slats Sizes: 60 x 25mm

Assembled Panel Codes: ABPA1016, APPA1216

Kitset Panel Codes: ABPK1016, APPK1216

Colour Options: Ebony

Custom colour options available



EACH PANEL CONTAINS

14 x 60x25mm Slats cut to suit desired height.

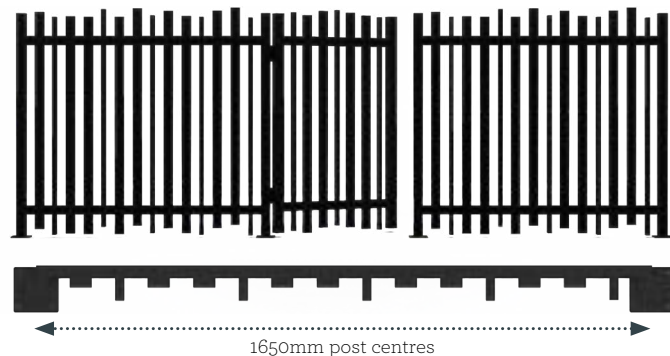
14 x 60 x 25mm Slat end caps (black)

2 x 1650 Oblique channels with channel covers

64 Tek screws per panel

Posts: Posts need to be ordered separately

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



THE LANDSCAPE/POOL PANEL

Post Centers: 1650, 1980mm

Fence Panel Heights: 1200, 1500, 1800mm

Slat Sizes: 60 x 25mm

1650 Codes:

Assembled Panel Codes: APPA1216, APPA1516, APPA1816

Kitset Panel Codes: APPK1216, APPK1516, APPK1816

1980 Codes:

Assembled Panel Codes: ALPA1220, ALPA1520, ALPA1820

Kitset Panel Codes: ALPK1220, ALPK1520, ALPK1820

Colour Options: Ebony

Custom colour options available



EACH PANEL CONTAINS

14 or 17 x 60x25mm Slats cut to suit desired height.

14 or 17 x 60 x 25mm Slat end caps (black)

2 x 1650 or 1980 Oblique channels with channel covers

Required Tek screws per panel

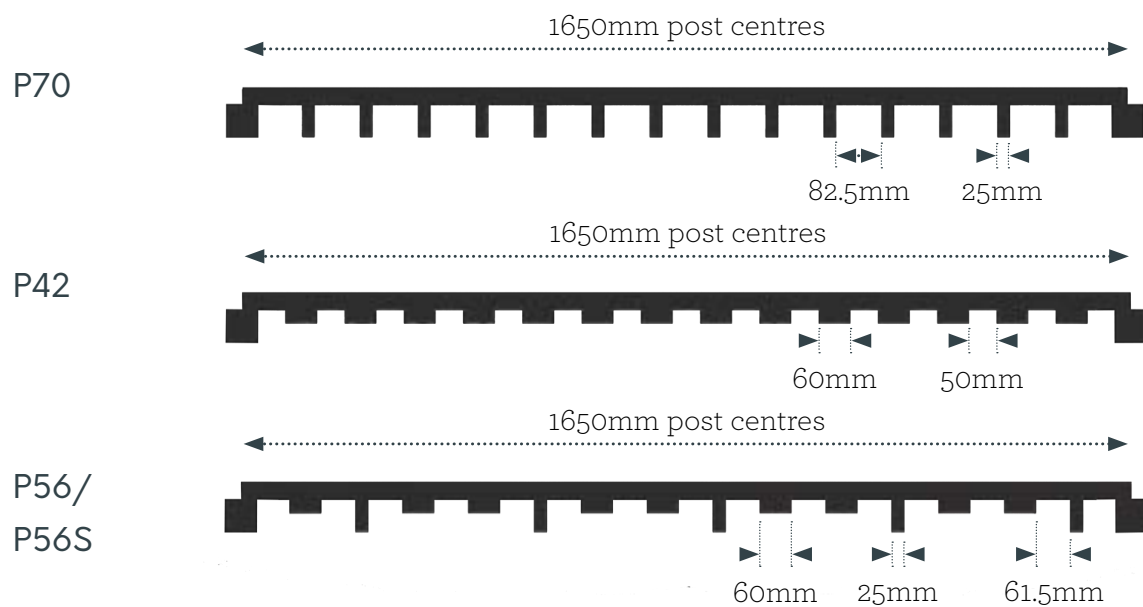
Posts: Posts need to be ordered separately

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

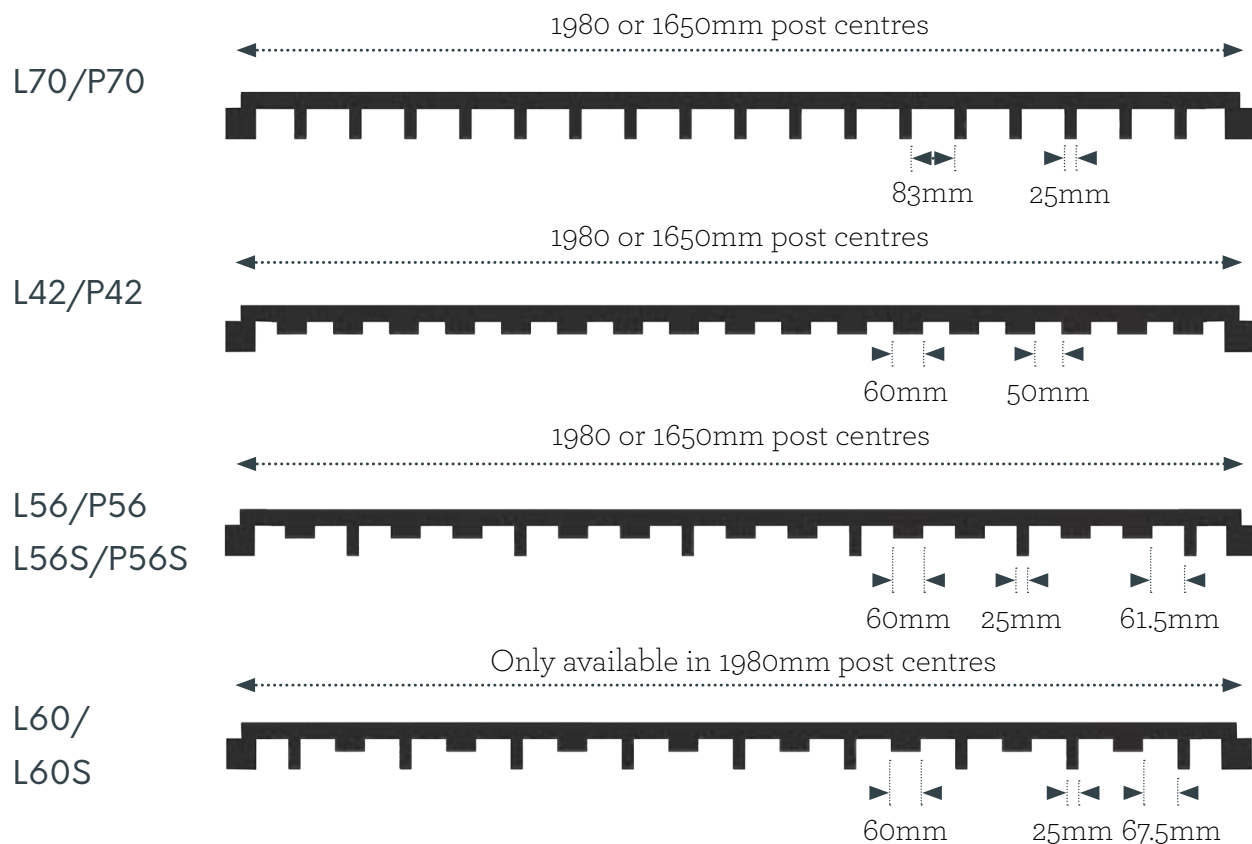


Slat Spacing

BALUSTRADE



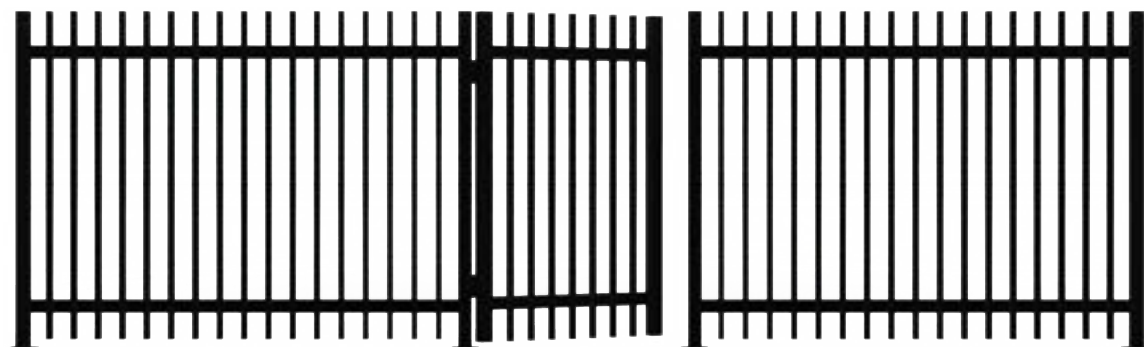
LANDSCAPE/POOL



Panel Designs

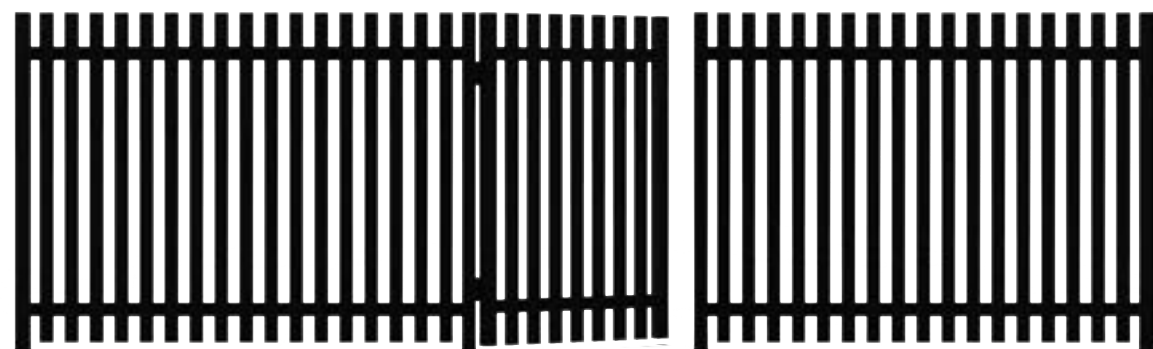
PANEL DESIGN P70 & L70

Balustrades, Pool, Landscape



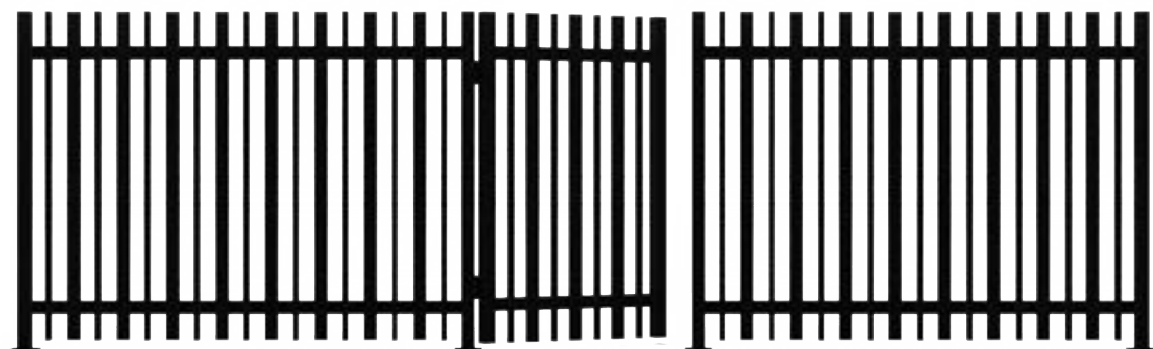
PANEL DESIGN P42 & L42

Balustrades, Pool, Landscape



PANEL DESIGN L60

Pool, Landscape

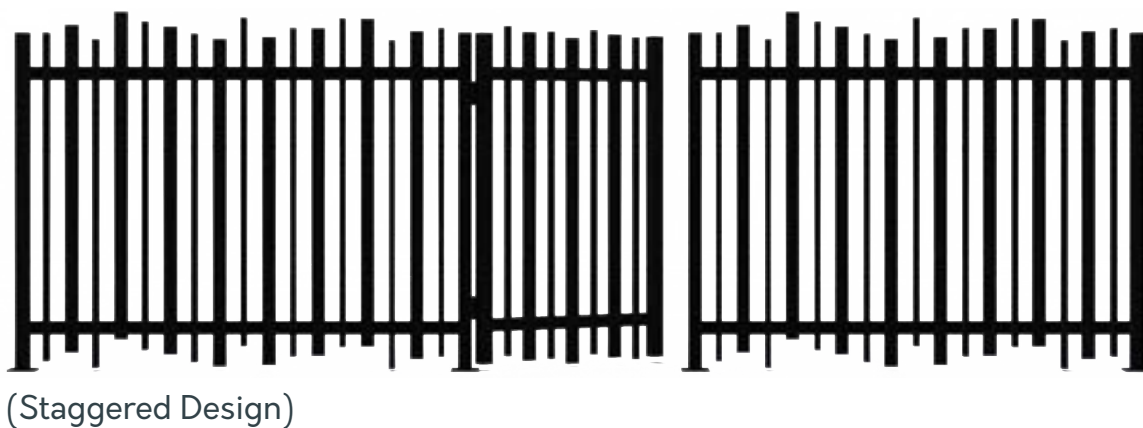


KITSET PANEL or PRE-MADE PANELS?

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.

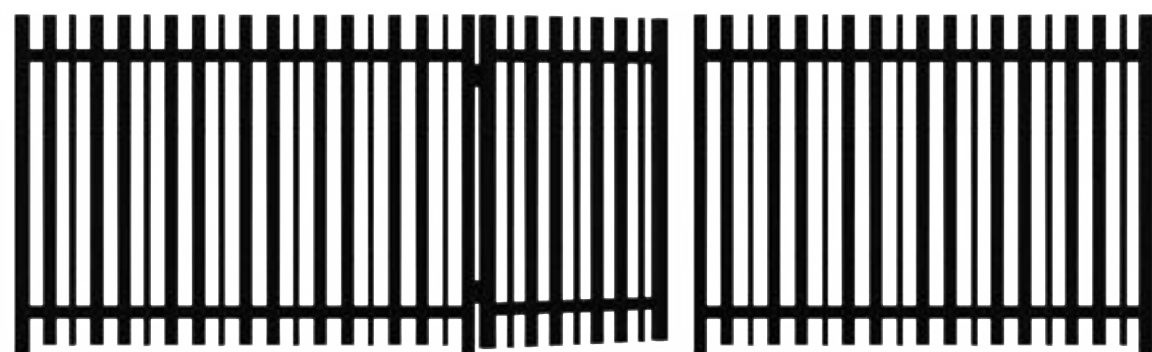
PANEL DESIGN L60S

Pool, Landscape



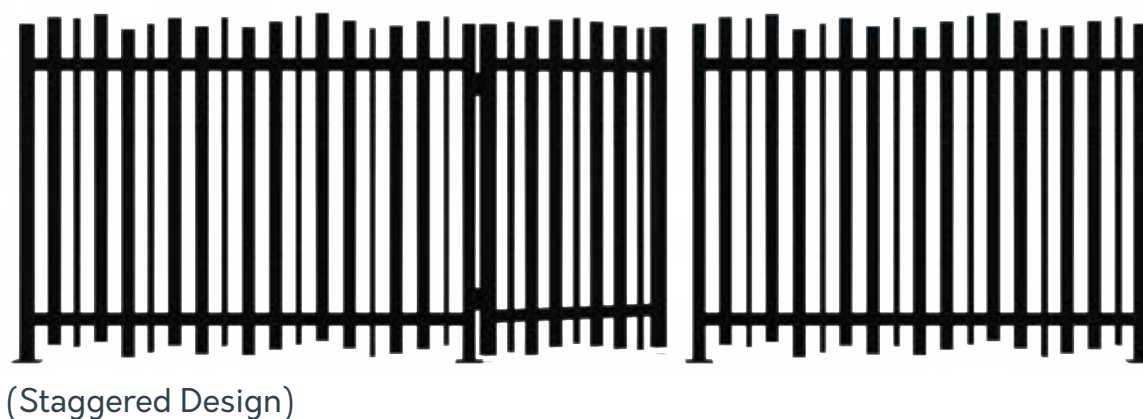
PANEL DESIGN P56 & L56

Balustrades, Pool, Landscape



PANEL DESIGN P56S & L56S

Balustrades, Pool, Landscape





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

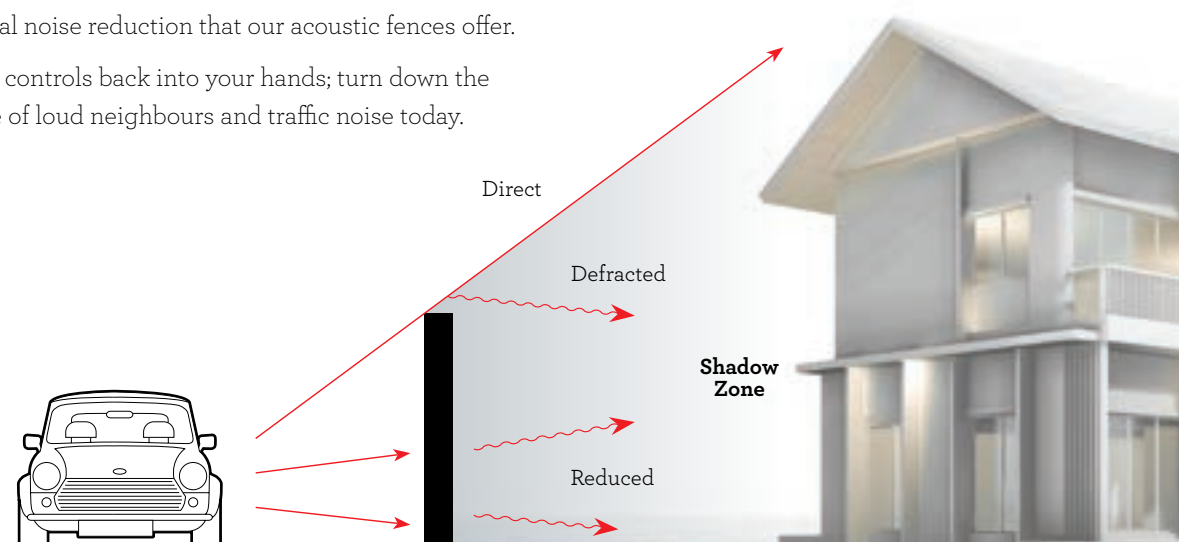
BelAire solid wall systems are acoustically tested and rated, keeping all unwanted surrounding noises at bay and providing peace and quiet for your home.

ECO FRIENDLY

Our innovative products are made of recyclable materials, with our manufacturing processes reducing emitted and embodied CO2 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.

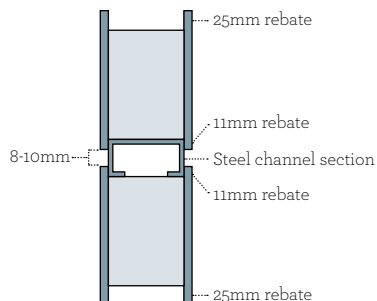


*2yr warranty within a 1500m sea spray zone.

SOLID PANEL FENCING

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.

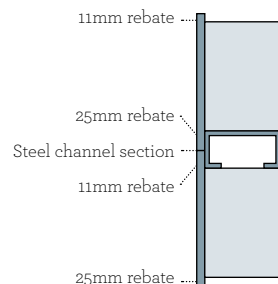


<< How to achieve a exposed join

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 11mm rebate in the bottom panel



NOISE BARRIER

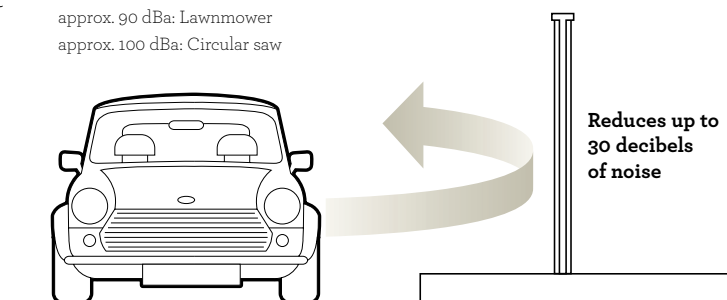
Our patented solid Poly-fibre cement composite sandwich panels are designed to reflect noise. The acoustic performance of this product was evaluated by the Acoustics Research Group at the University of Canterbury and a comprehensive report is available on request.

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

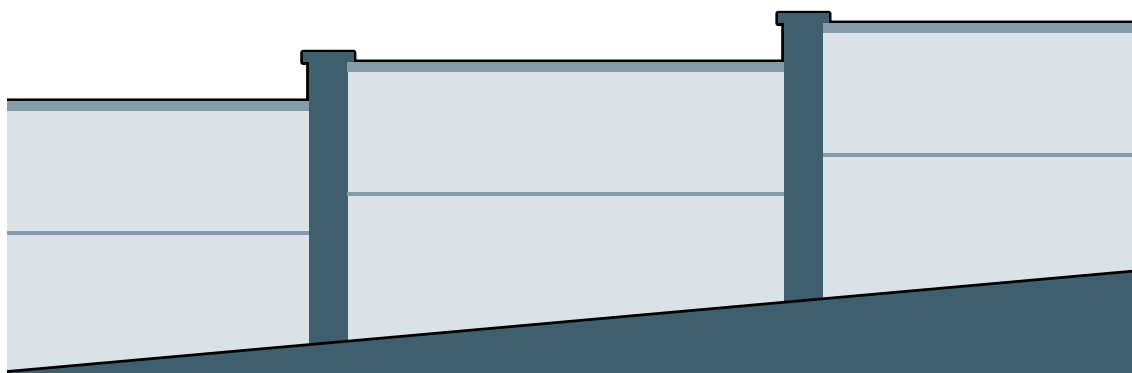
TYPICAL OTHER NOISE

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.



BelAire[®]
SOLIDIER FENCING

CLASSIC

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

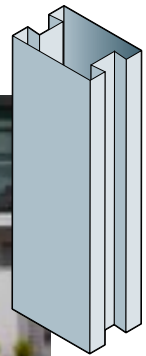
Panel thickness: 50mm

Density of composite panel materials: 15.49kg/m²

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

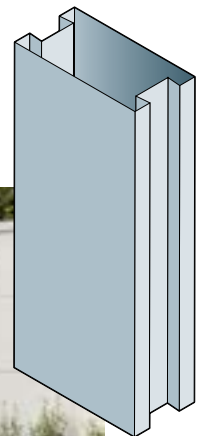
Panel thickness: 70mm

Density of composite panel materials: 15.49kg/m²

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

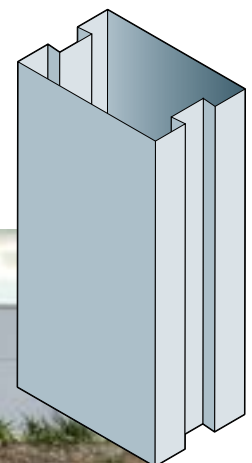
Panel thickness: 70mm

Density of composite panel materials: 15.49kg/m²

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

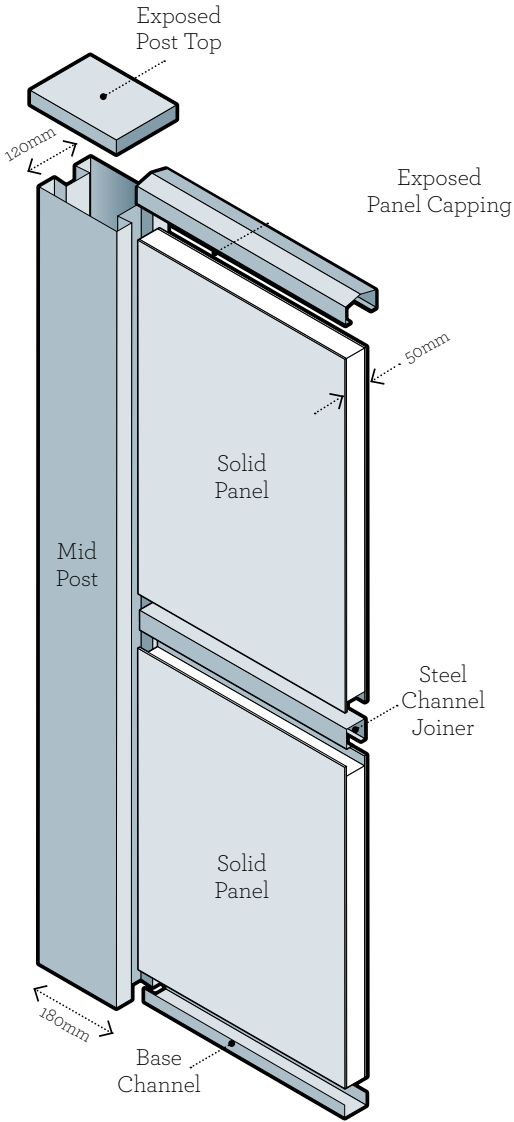
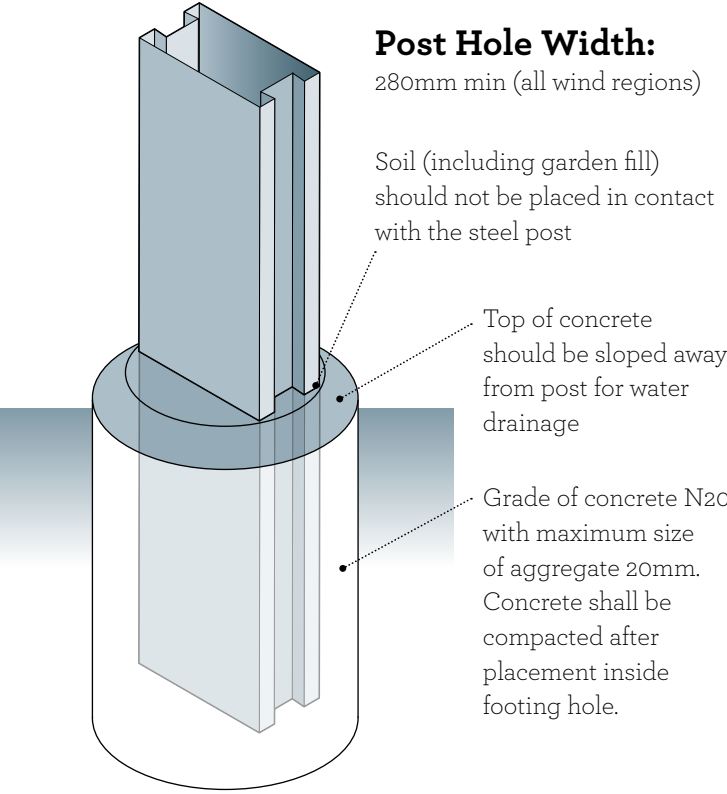
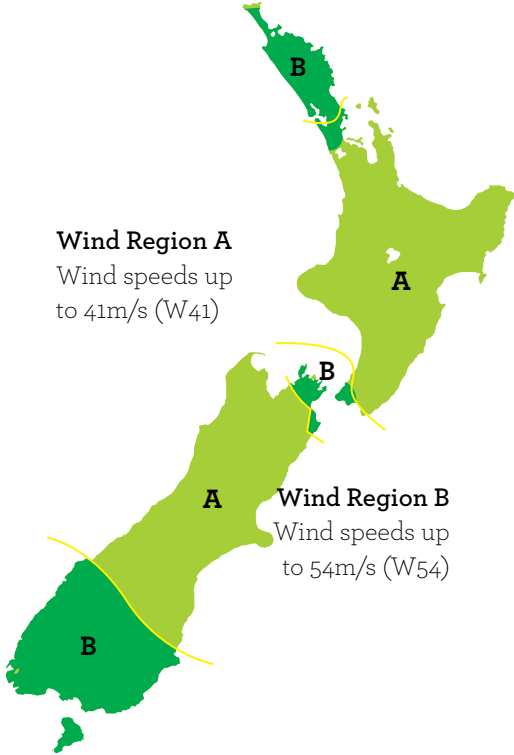
Centre to Centre Guide

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

Post Hole Depth Guide

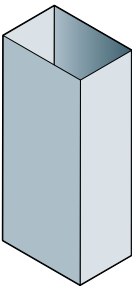
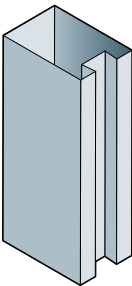
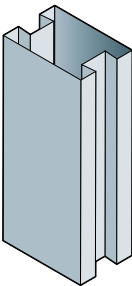
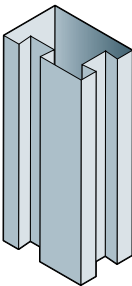
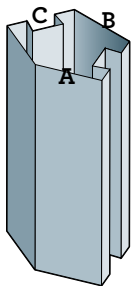
Wind Regions A&B

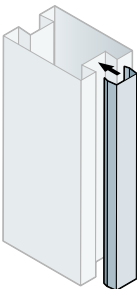
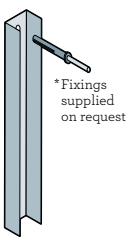
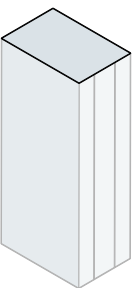
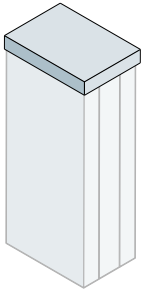
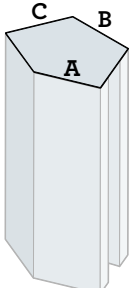
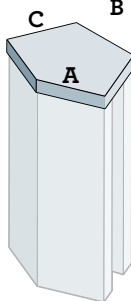
Hole Depth Into Firm Earth or Clay		Fence Height		Hole Depth Into Sand, Soft Clay or Loose Earth
450mm	>	900mm	>	550mm
550mm	>	1200mm	>	650mm
600mm	>	1500mm	>	700mm
650mm	>	1800mm	>	800mm
700mm	>	2100mm	>	900mm
800mm	>	2400mm	>	1000mm

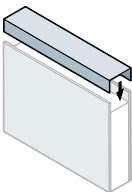
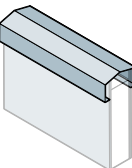
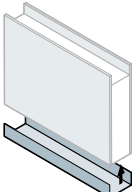
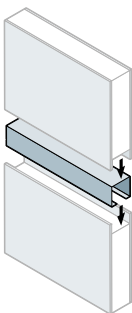
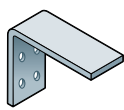


CLASSIC

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 *Fixings supplied on request	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

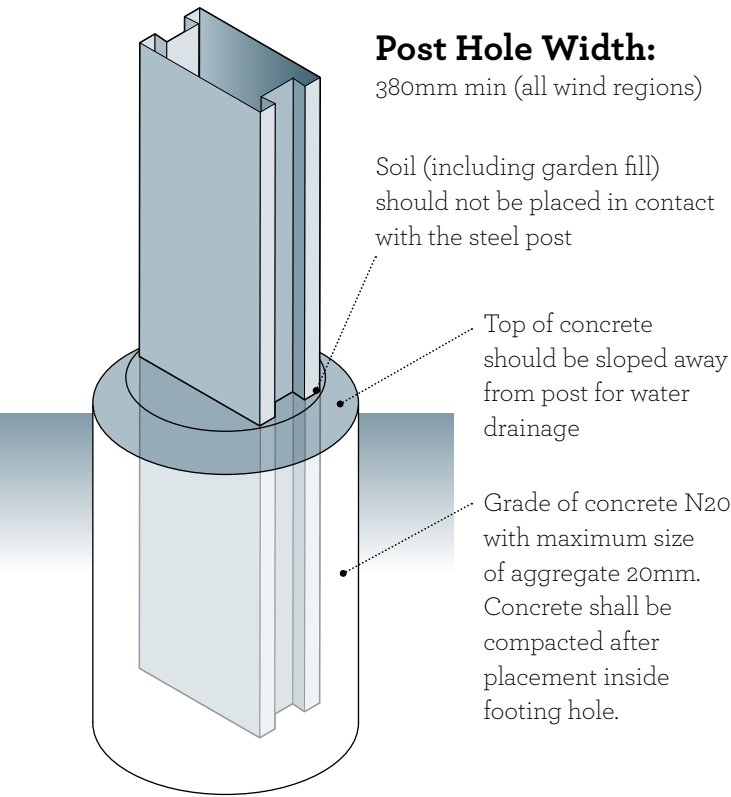
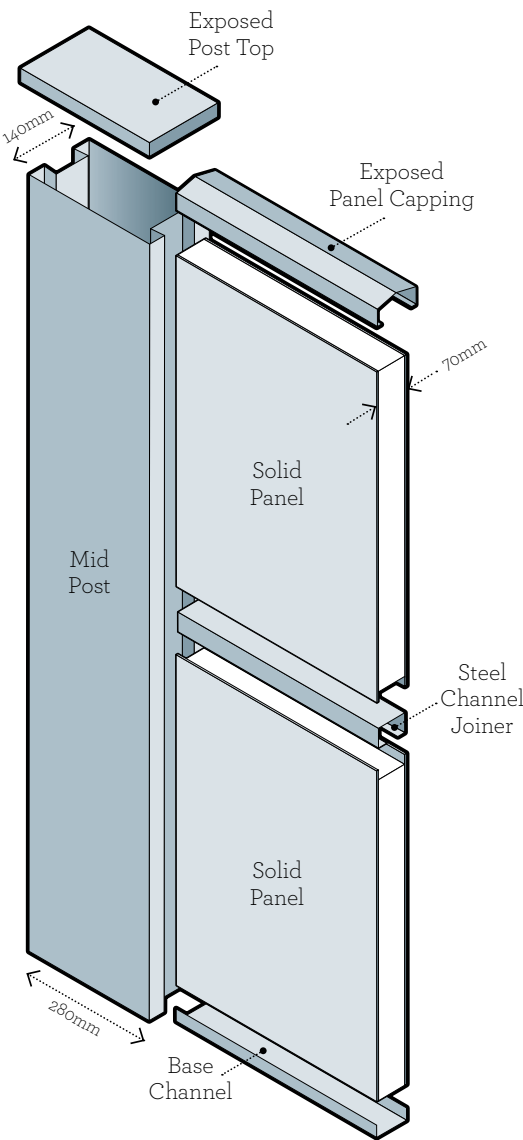
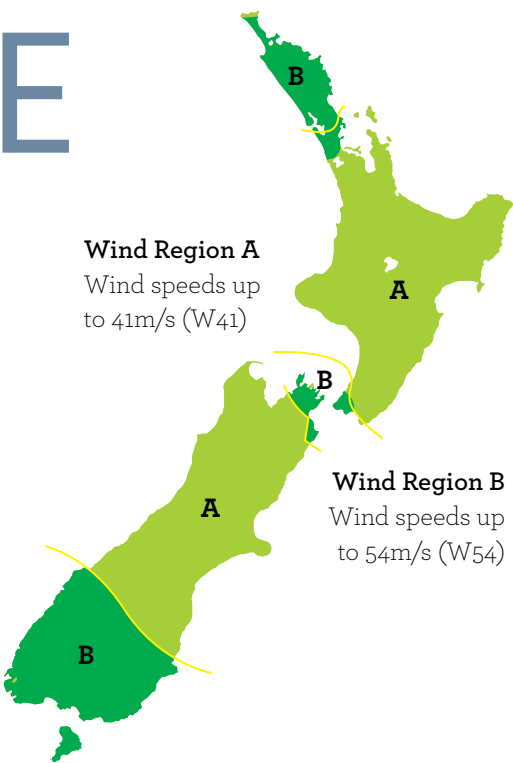
SPECIFICATIONS

Centre to Centre Guide

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

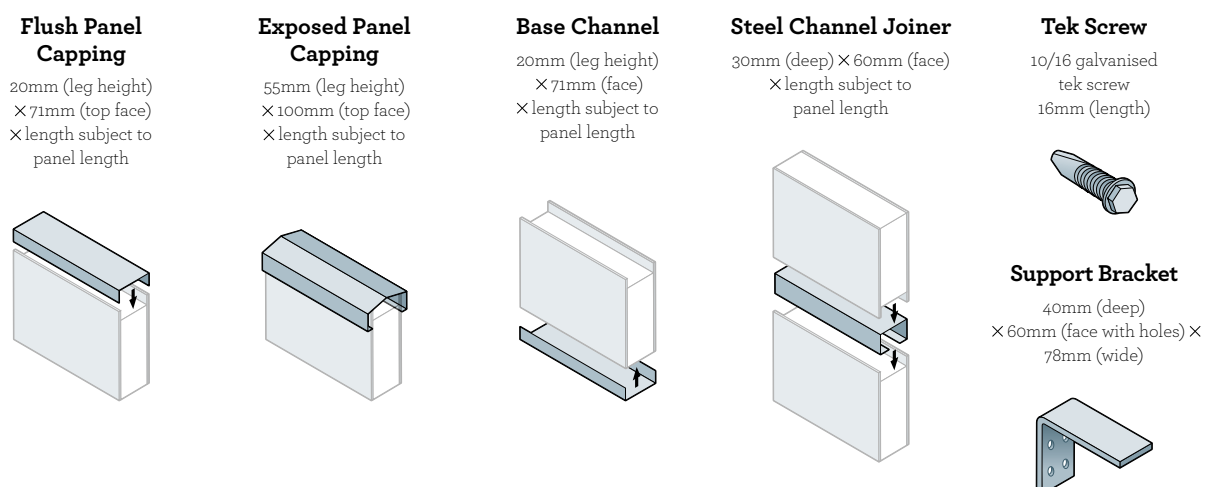
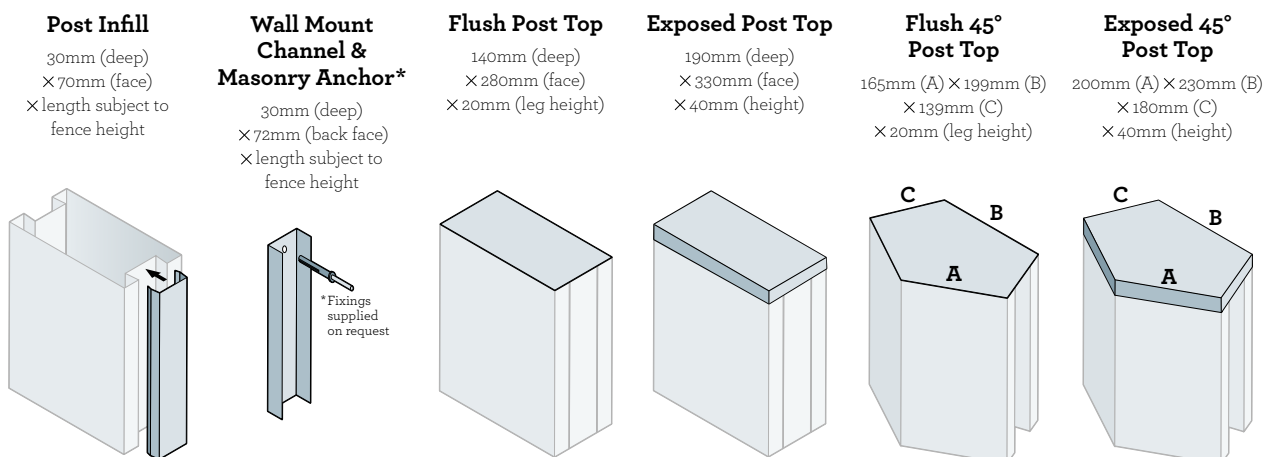
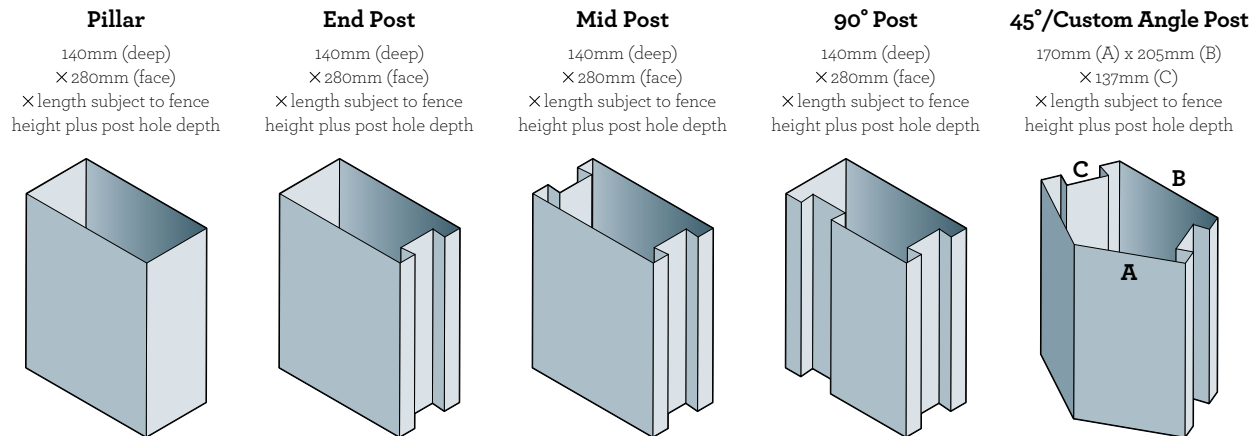
Post Hole Depth Guide Wind Regions A&B

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



SIGNATURE

PRE-PRIMED STEEL COMPONENTS



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

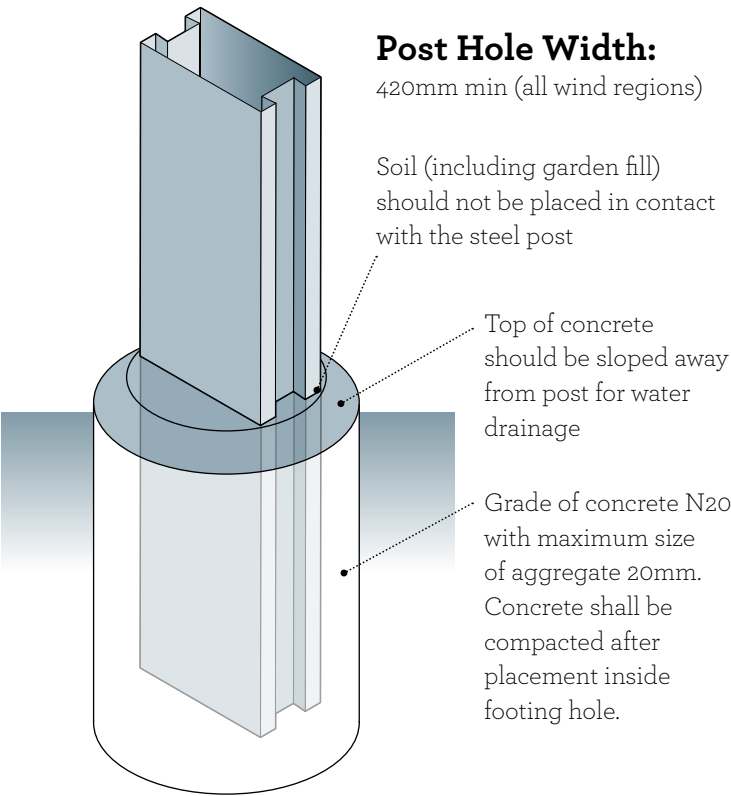
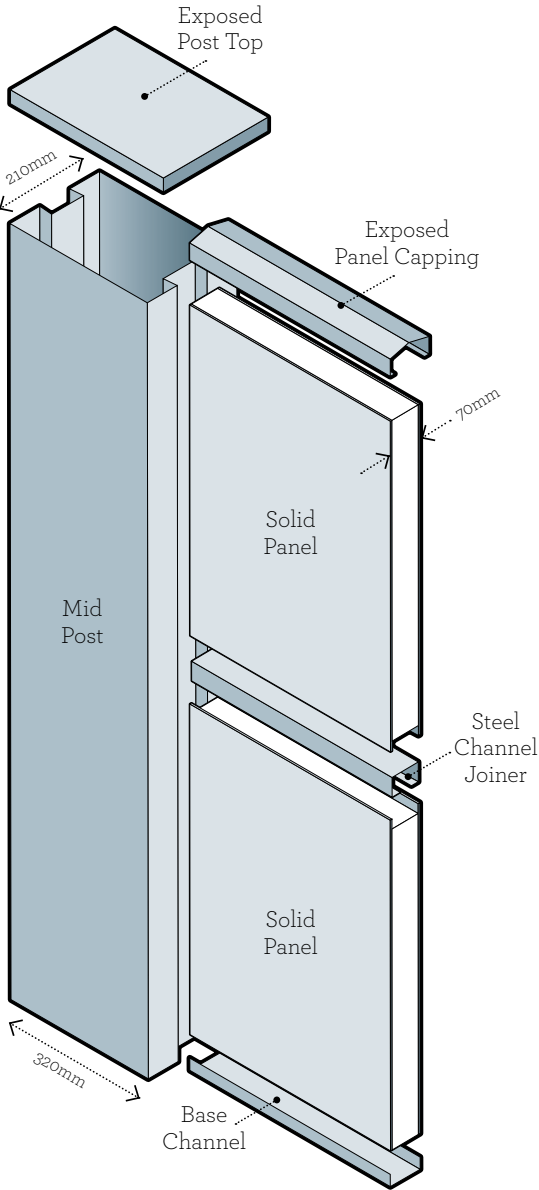
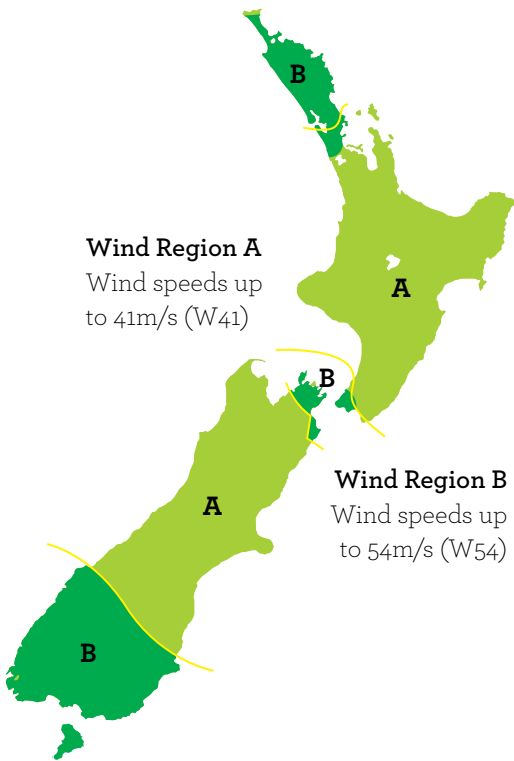
SPECIFICATIONS

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) × 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)

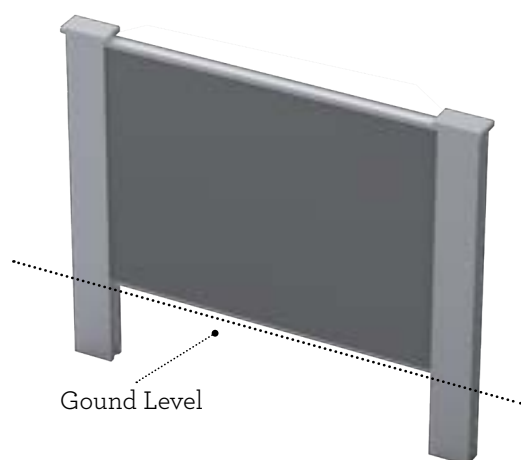
ESTATE INFILL PANELS

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

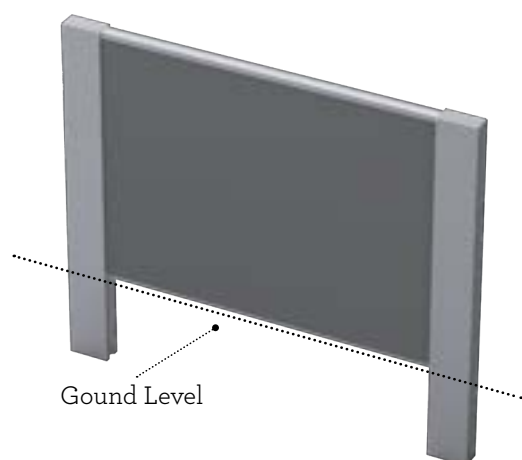
FULL EXPOSED CAP

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



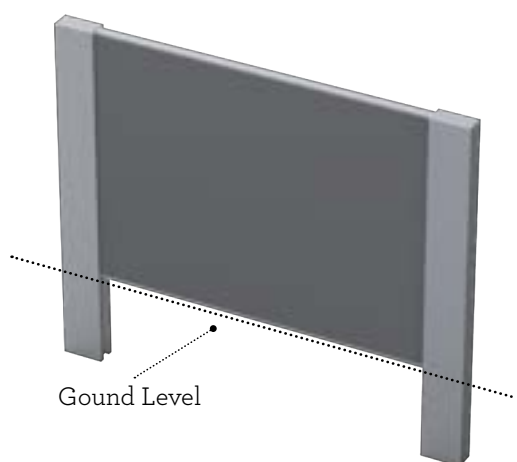
EXPOSED PANEL CAPS

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



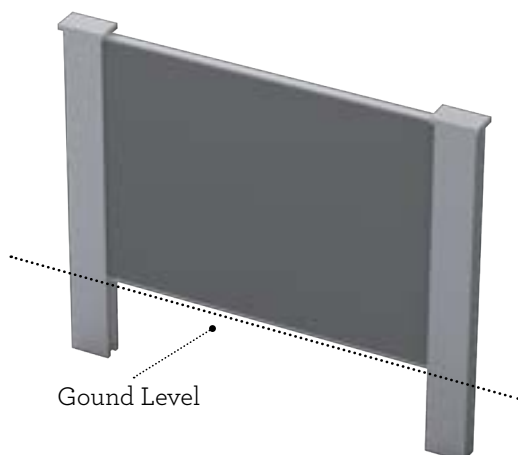
FLUSH CAP

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.



SOLID PANEL FENCING

CLASSIC PANELS

SOLID PANELS

Construction:

5mm fibre cement outer skins
40mm expanded polystyrene core

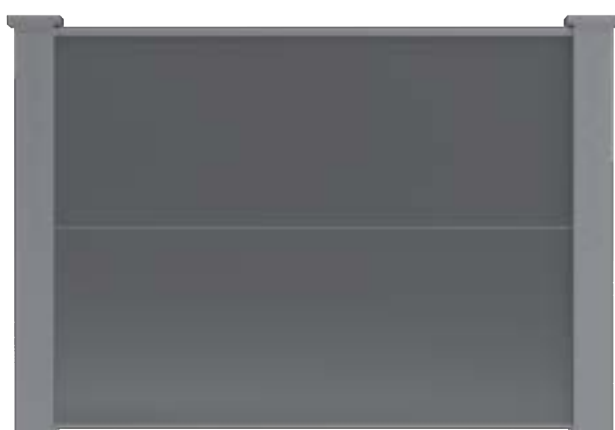
2400mm (length) x 600mm (height) x 50mm (width)

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)



BelAire®
SOLID PANEL FENCING

SIGNATURE • ESTATE PANELS

SOLID PANELS

Construction:

5mm fibre cement outer skins
60mm expanded polystyrene core

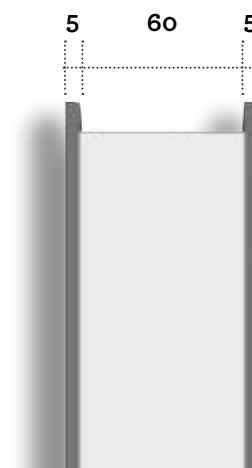
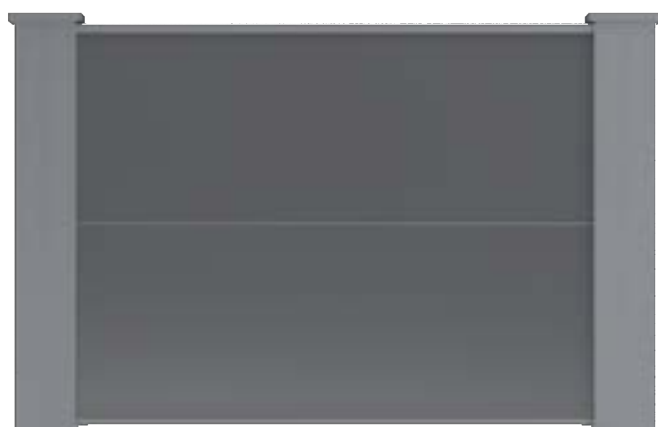
2400mm (length) x 600mm (height) x 70mm (width)

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

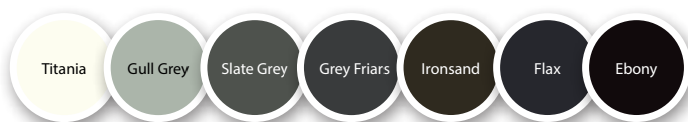
- 85mm x 25mm
- 60mm x 25mm

Construction

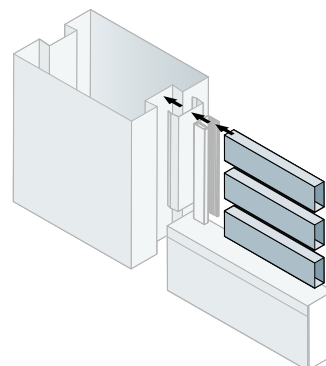
Aluminium slat channel with cover, powder coated to same colour as the slats.

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 available 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

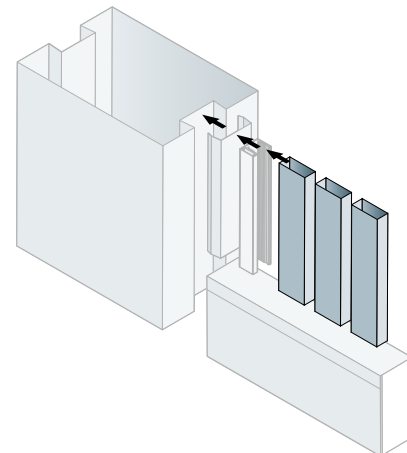
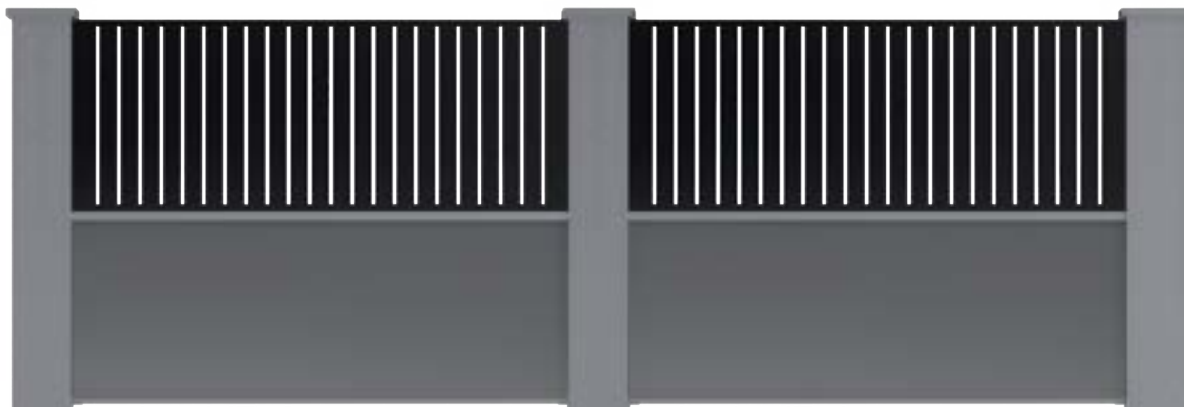
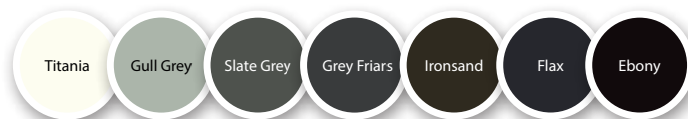
60mm x 25mm

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 length onsite.



SIGNATURE • ESTATE INFILL PANELS

LOUVRE INFILL PANELS

Louvre Infill Panel Height Options:

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

Louvre Sizes:

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

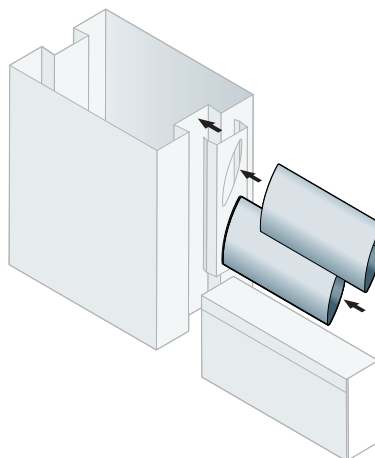
2700mm (length) x 136mm (height) x 32mm (width)
to suit 2700mm panels

Construction:

Powder coated to your colour choice.

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

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

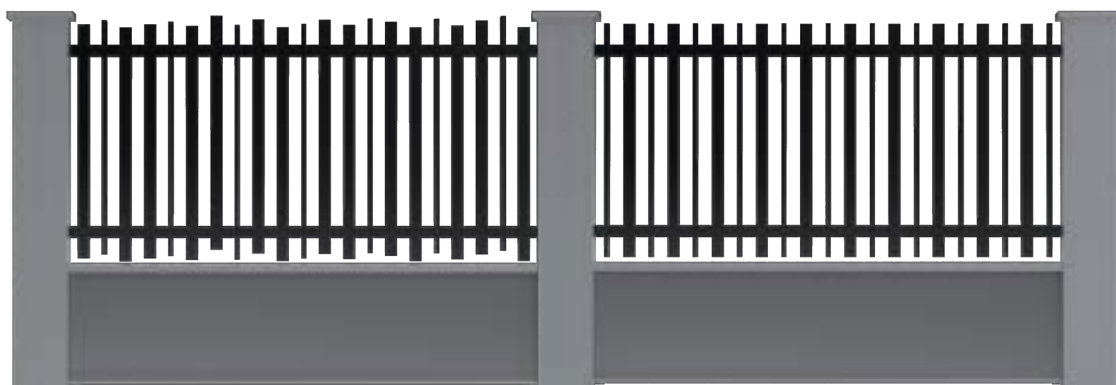
60mm x 25mm

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 length onsite.



SIGNATURE • ESTATE INFILL PANELS

GLASS INFILL PANELS

For the 70mm rebate in the Signature and Estate posts only
- Not suitable for pool fencing

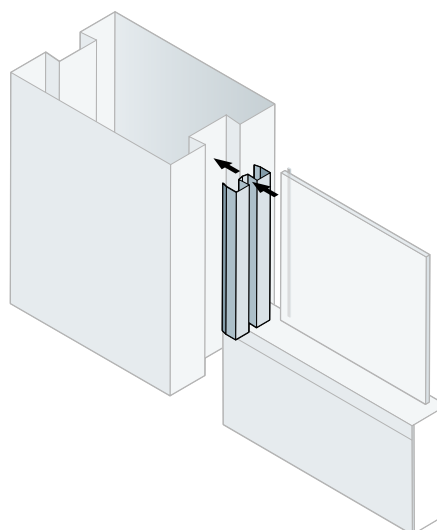
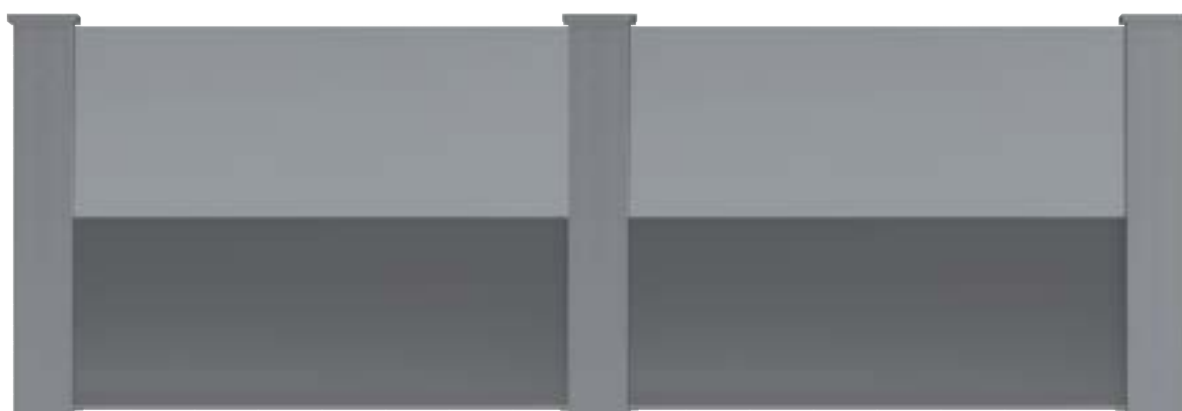
Construction:

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)



COMMERCIAL PROJECTS

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





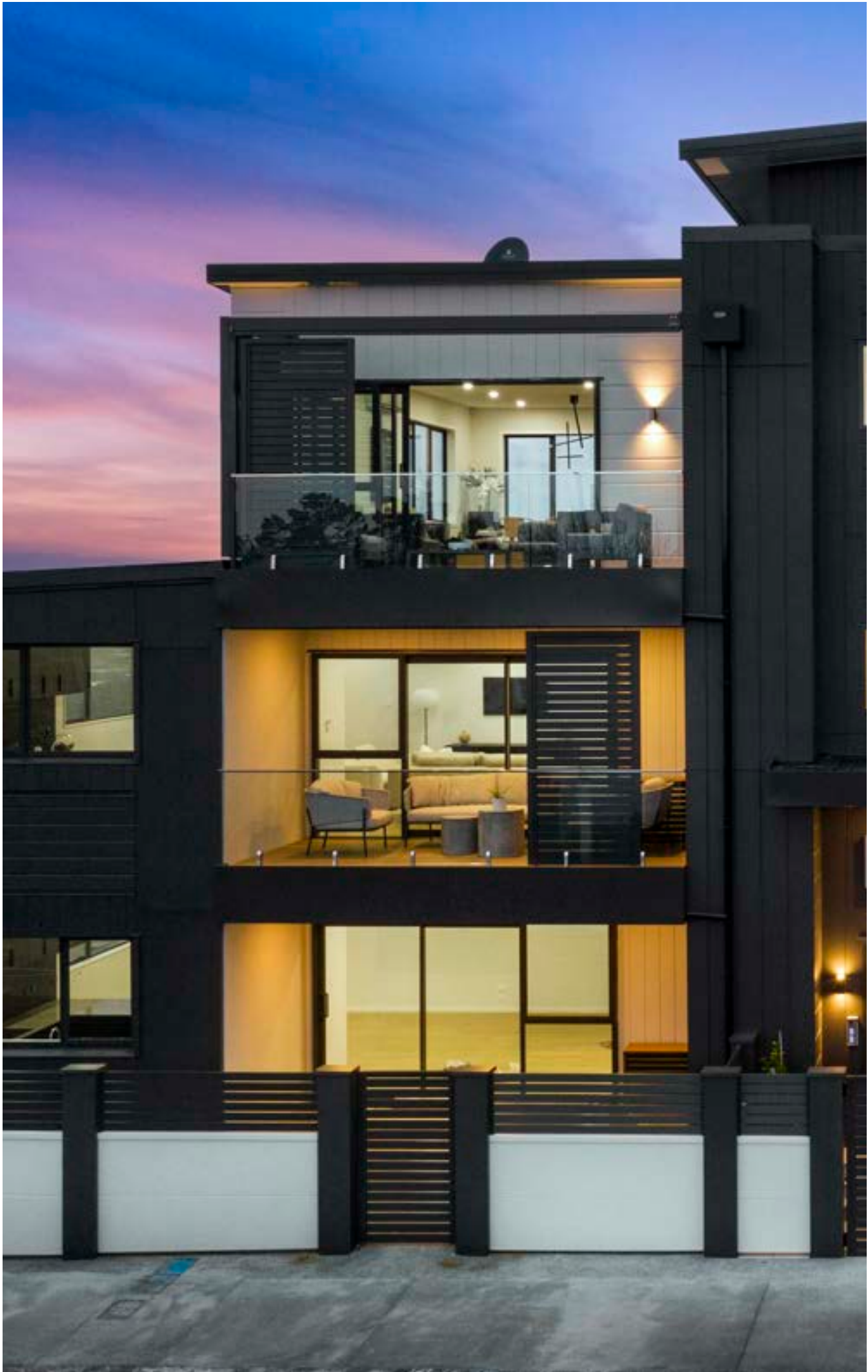
Commercial Acoustic Barriers



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?

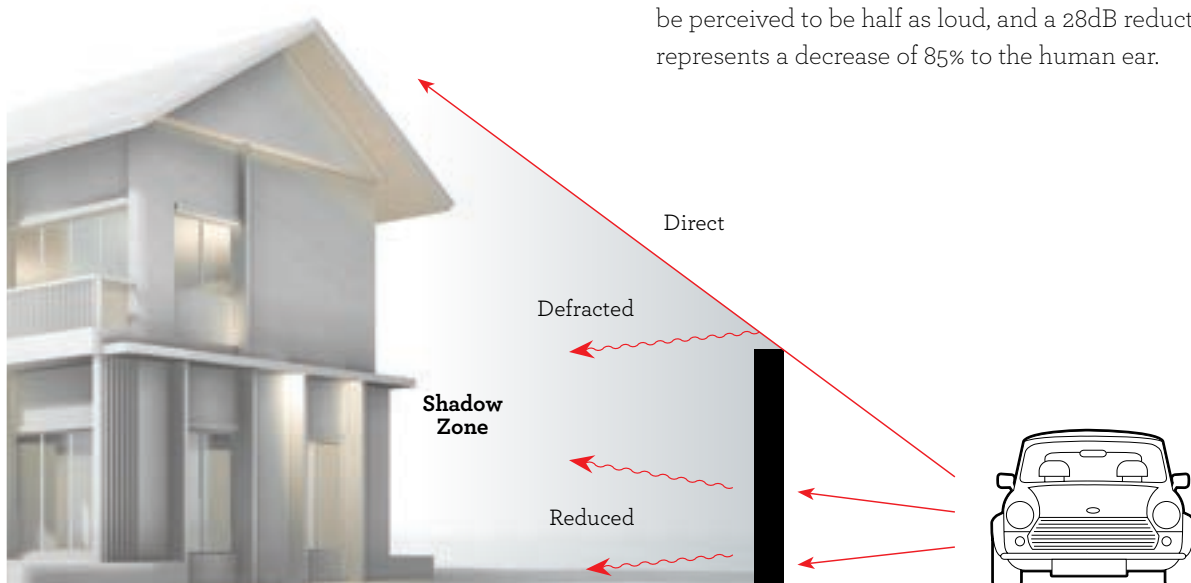
A noise barrier is a solid structure that intercepts and reduces sound within the shadow that it casts. The closer a barrier can be to the source or receiver and the higher it is, the more effective it will be, and, to be effective, the line of sight between the source and receiver must be blocked completely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

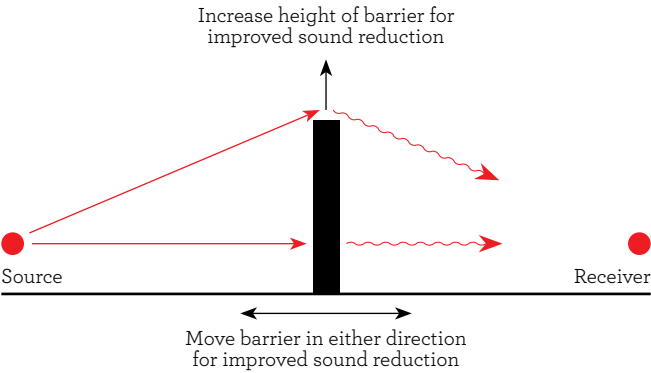
HUMAN PERCEPTION OF SOUND

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.



COMMERCIAL ACOUSTIC BARRIERS

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 5m 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 meters 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

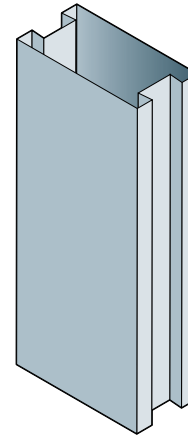
Post dimensions: 140mm (deep) x 280mm (face) 0.95 mm BMT

Panel thickness: 70mm

Density of composite panel materials: 15.49kg/m²

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

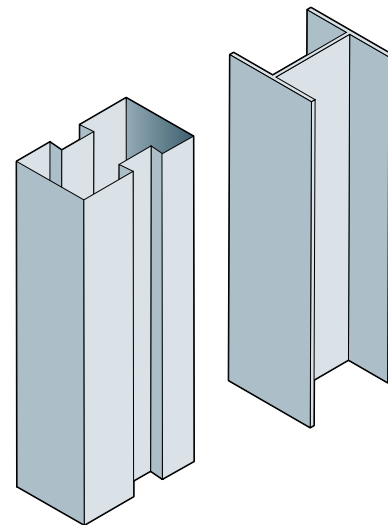
Panel thickness: 70mm

Density of composite panel materials: 15.49kg/m²

Suitable for fence heights: 3000mm – 5100mm

Post centres: 2470mm

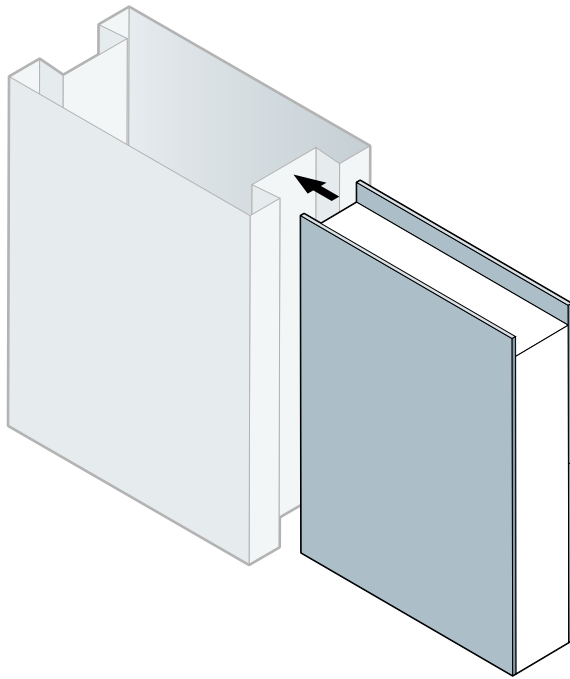
NOTE: All barriers over 3m high need to be engineered to suit the wind regions and the ground conditions. Please contact us on 0800 235 2473 for more details.



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



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 3m HIGH

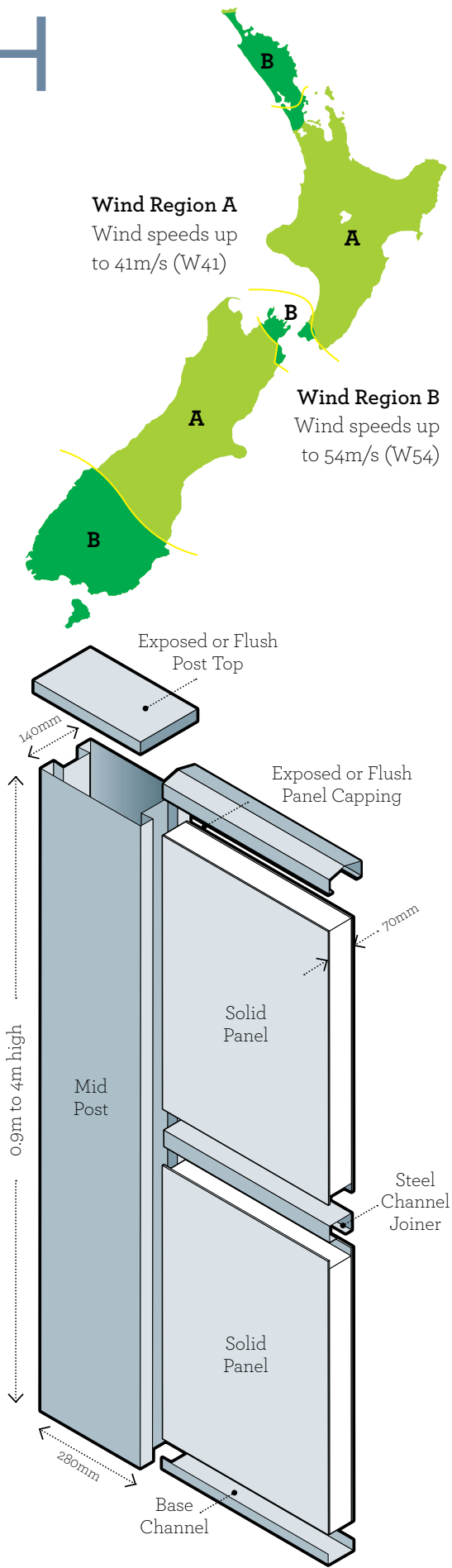
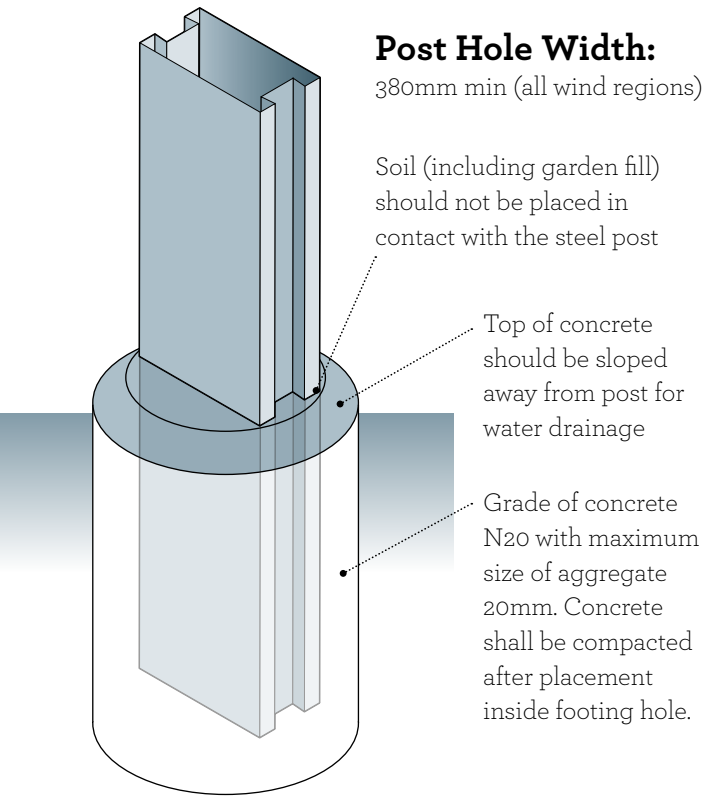
SPECIFICATIONS

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



3.1m to 5.1m HIGH

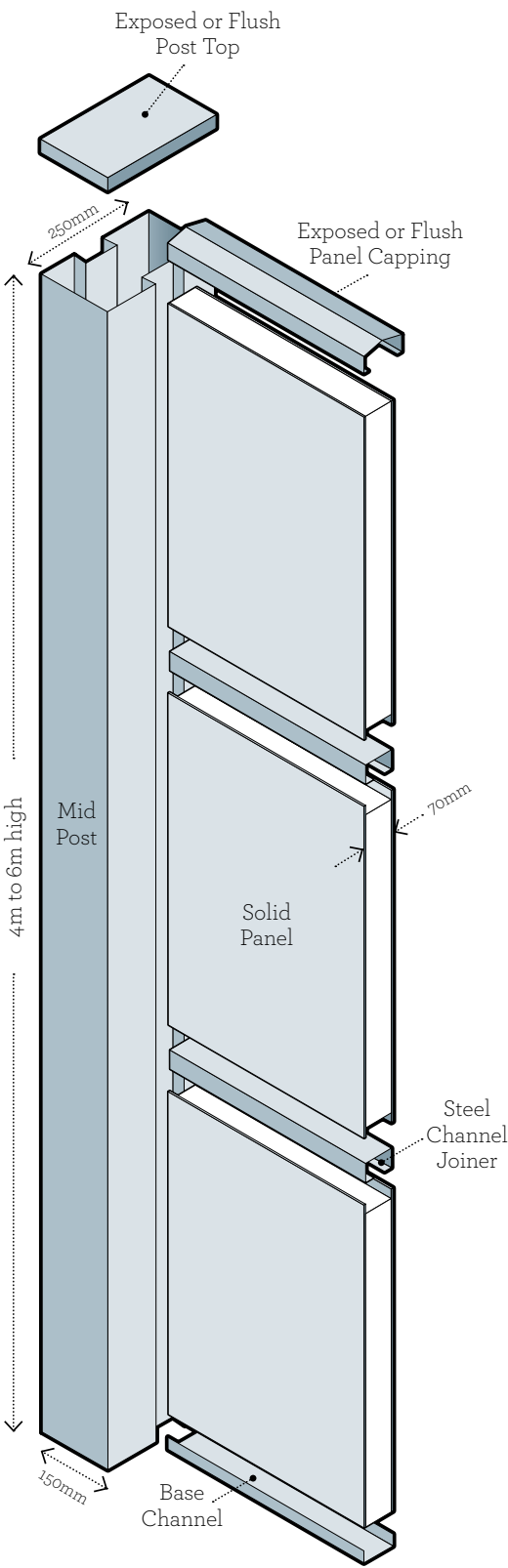
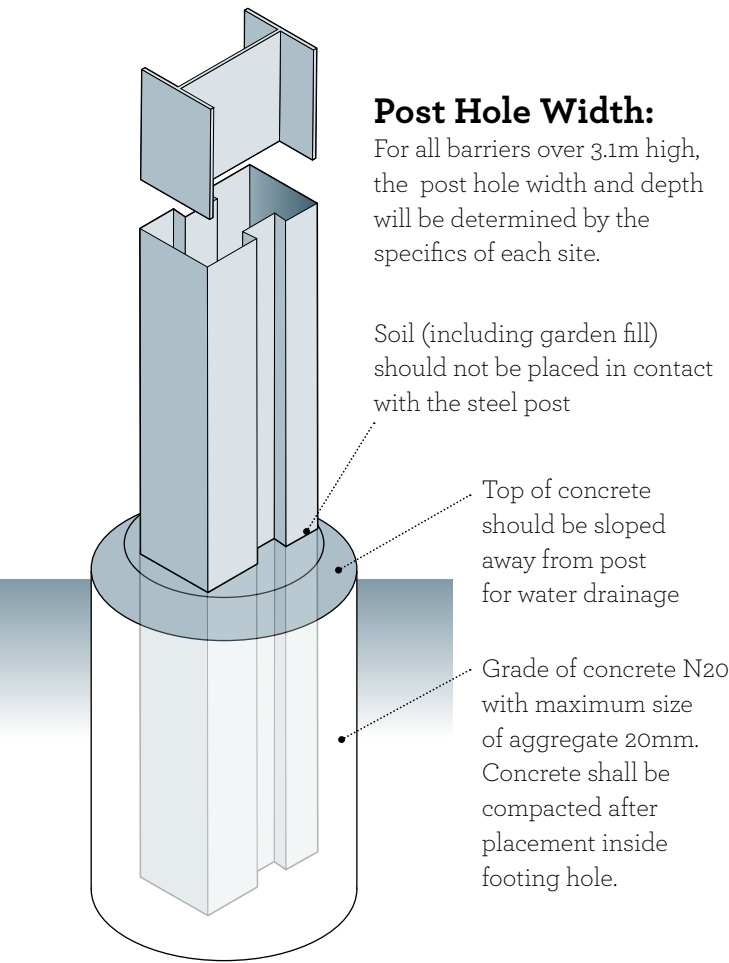
SPECIFICATIONS

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.



Early Education Centre

An early education centre in one of Hamilton's fast-developing subdivision were 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 make a feature out of the paint combinations.



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



Scan to view all
Belaire fence drawings

BelAire®
DESIGNER FENCING

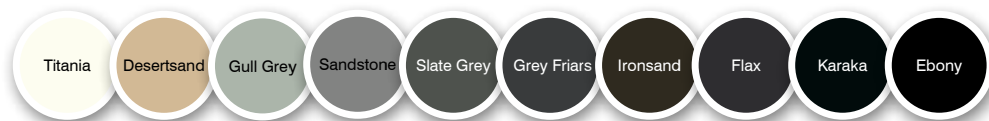
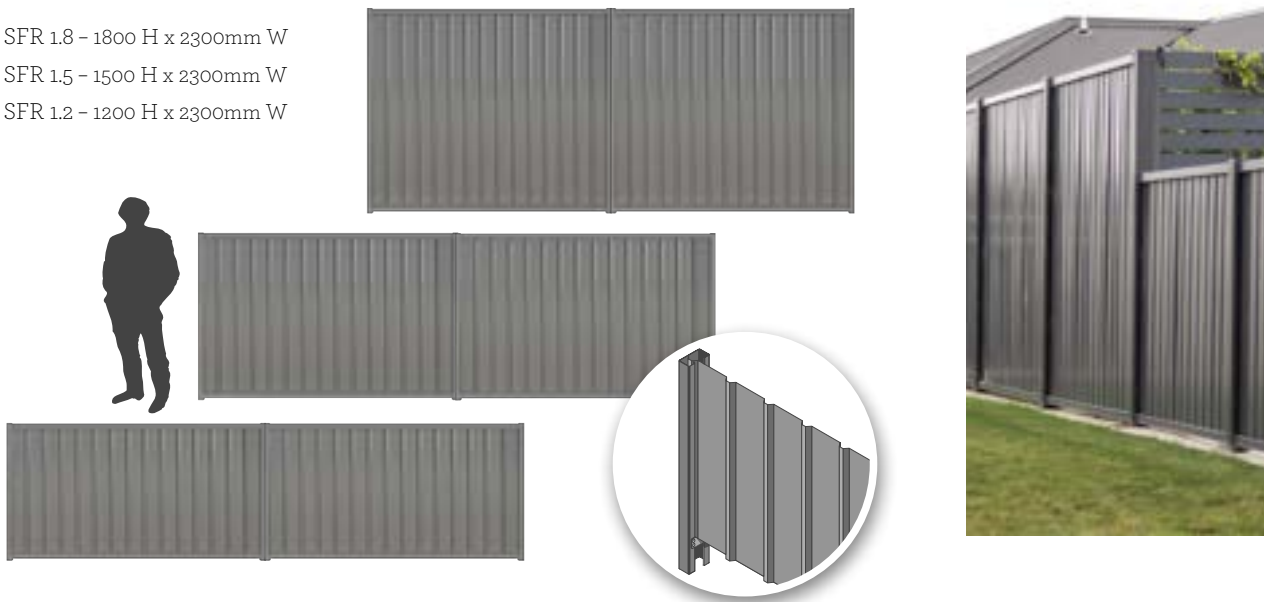
...make it your own!



FRONTIER

Strong and durable coloured steel panels

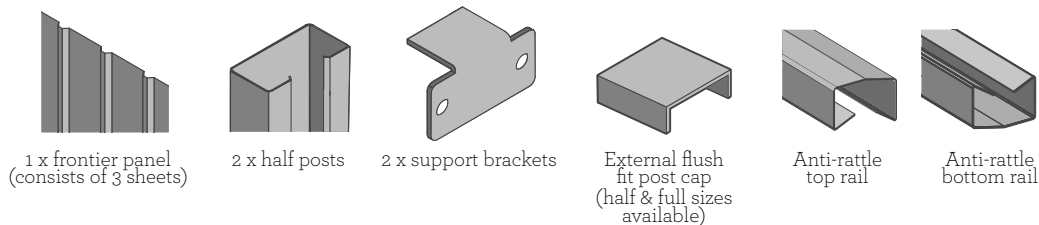
SFR 1.8 – 1800 H x 2300mm W
 SFR 1.5 – 1500 H x 2300mm W
 SFR 1.2 – 1200 H x 2300mm W



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

Each FRONTIER panel includes:

Assembly required – all fixings are supplied.





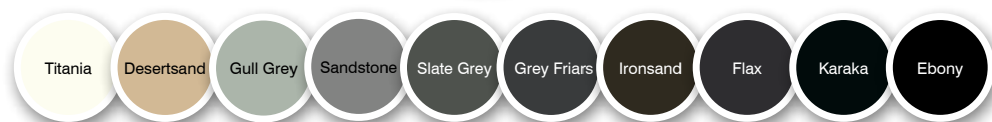
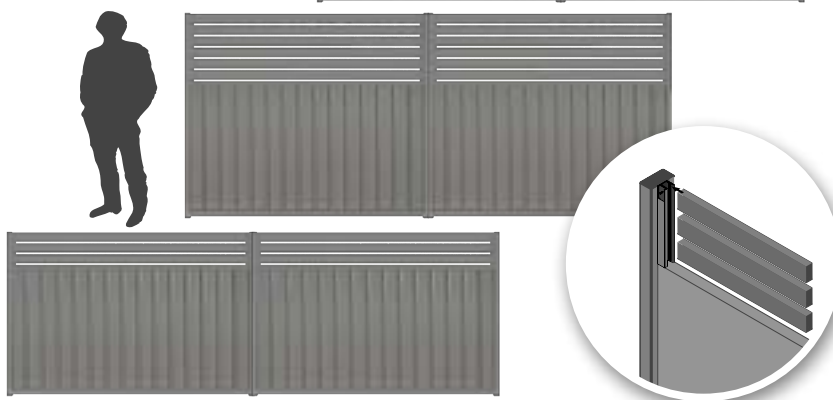
BORDERLINE

Durable coloured steel panels with slat trim

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

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

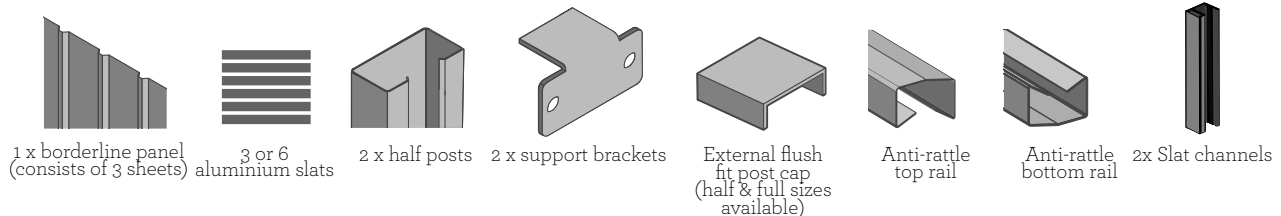
SBO 1.2/300 – 1500 H x 2300mm W
including 300mm high slat infill



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

Each BORDERLINE panel includes:

Assembly required – all fixings are supplied.







Gates



Scan to view all
BelAire fence drawings

BelAire®
DESIGNER FENCING

...make it your own!



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.

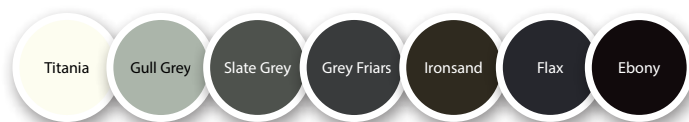
Height: 1200mm - 2100mm

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:

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.

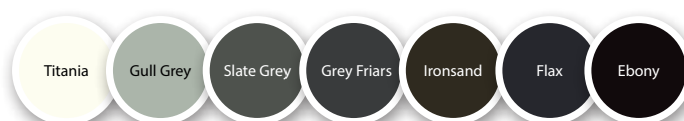
Height: 1200mm - 2100mm

Pedestrian Gate Width: 800mm - 2500mm

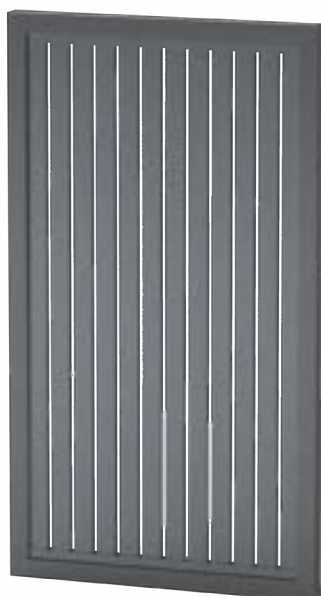
Driveway Swing Gate Width: 800mm - 2500mm

Driveway Sliding Gate Width: 2500mm - 6000mm

Colour: Client's choice of any Dulux powder coat colour

Standard Colour Options:

OPEN SLAT



SOLID SLAT

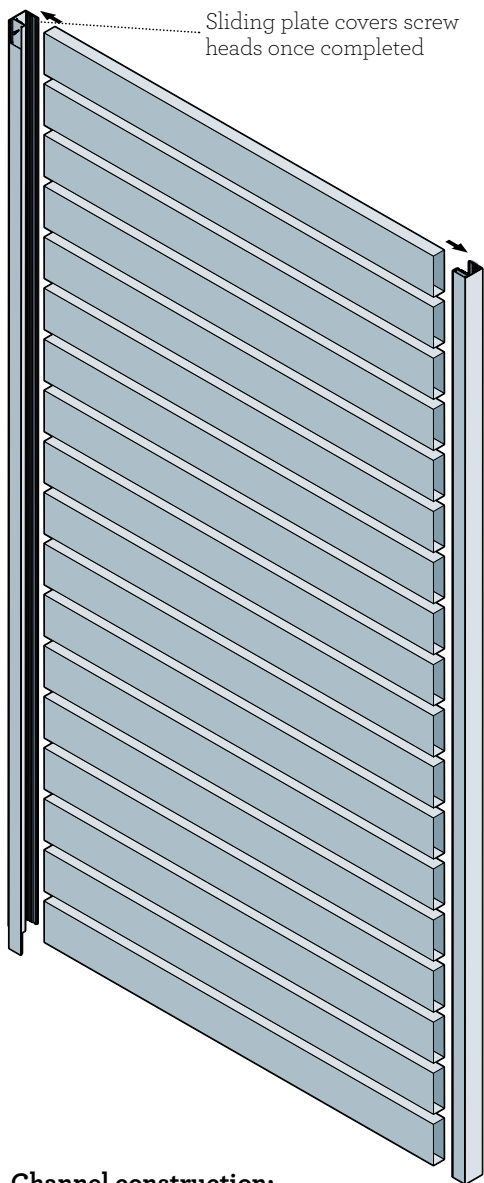


HORIZONTAL ECO SLAT GATE KIT

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.



Sliding plate covers screw heads once completed

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



Above:
Double eco slat gate kits

Channel construction:
Powder coated aluminium.

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

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

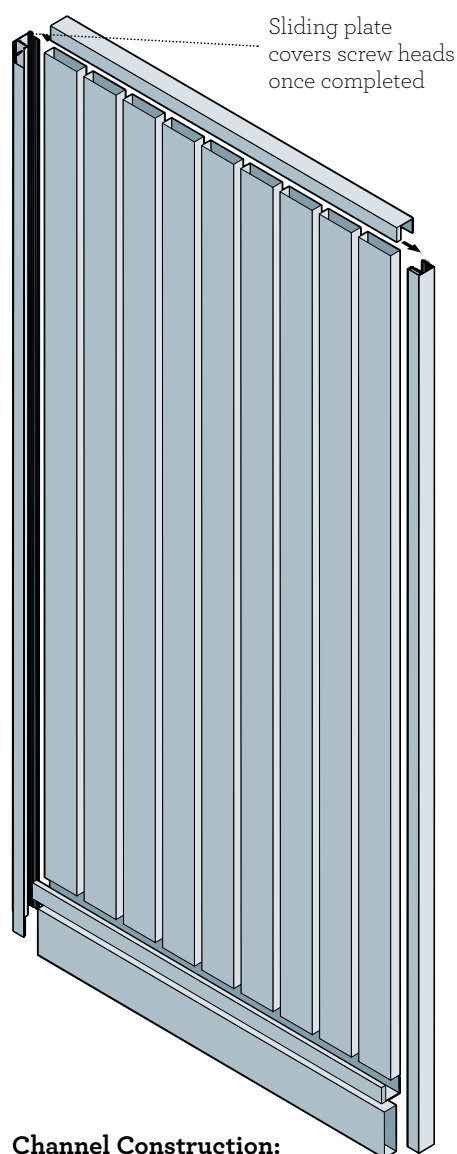
It is important to note that our gates with 25mm wide slats are superior in strength to some inferior gates with 16mm wide slats.

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.



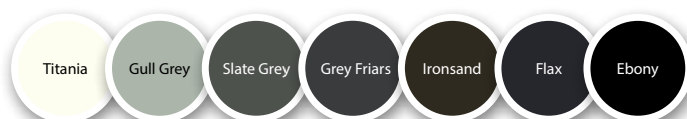
Channel Construction:
Powder coated aluminium.

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

Height: 1200mm, 1500mm and 1800mm

Pedestrian Gate Width: Up to 1000mm

Powder coat colours:



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.

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

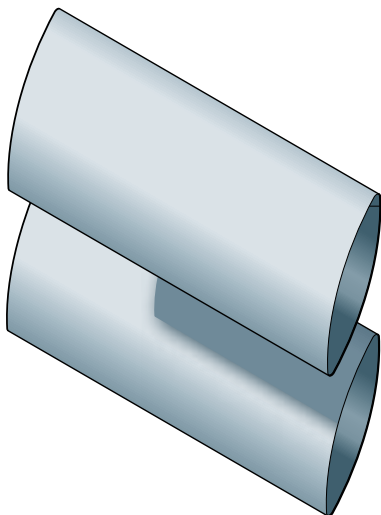
Driveway Sliding Gate Width: 2500mm - 6000mm

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.



GATE STYLES

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)

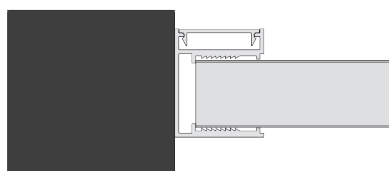
Height: 1200mm - 2100mm

Pedestrian Gate Width: 800mm - 2500mm

Driveway Swing Gate Width: 800mm - 2500mm

Driveway Sliding Gate Width: 2500mm - 6000mm

Colour: Ready for priming and painting



BelAire®
DESIGNER FENCING

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 - 1800mm

Driveway Swing Gate Width: 800mm - 1800mm

Driveway Sliding Gate Width: 2500mm - 6000mm

Colour: Standard in Ebony, also available in custom colours

AURORA GATE DESIGNS

P70 OR L70



L60



P60 OR L58



P42 OR L42



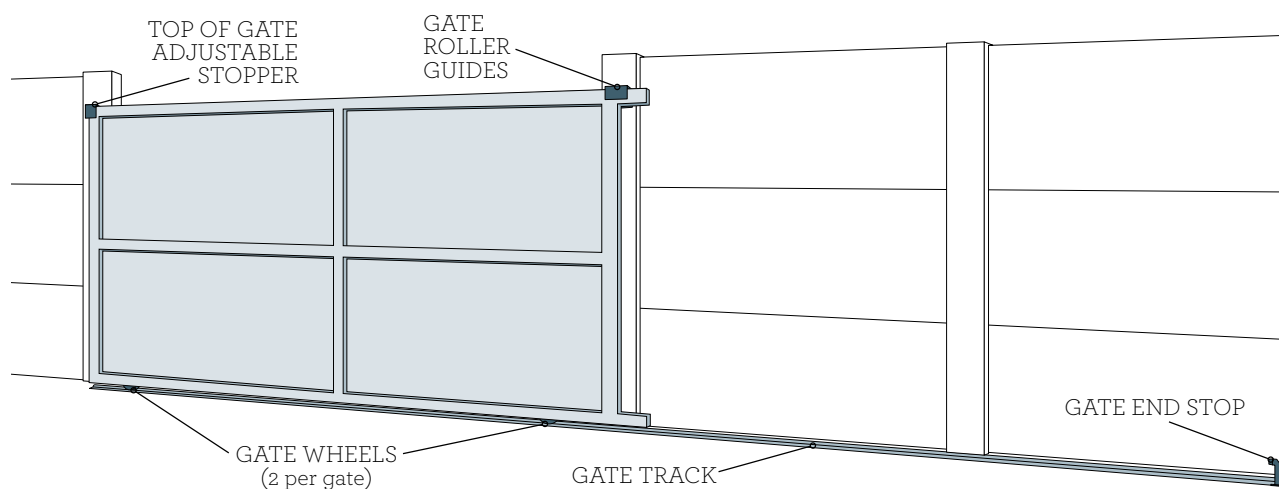
L60S



P60S OR L58S



SLIDING GATES



GATE ROLLER GUIDE

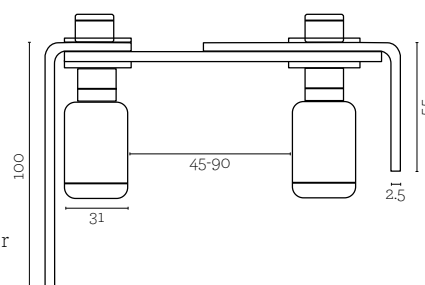
Heavy Duty 2.4mm Steel



Order Code: BSG-RH

SPECIFICATION

- Heavy duty top gate support roller
- Powder coated black



TOP OF GATE ADJUSTABLE STOPPER

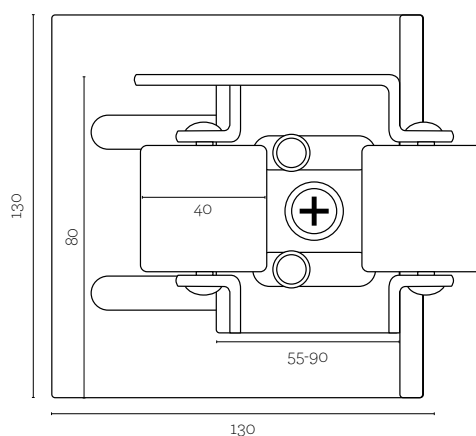
Heavy Duty 2.4mm/8mm Steel



Order Code: BSG-TS

SPECIFICATION

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



GATE TRACK

Heavy Duty 3mm Galvanised Steel

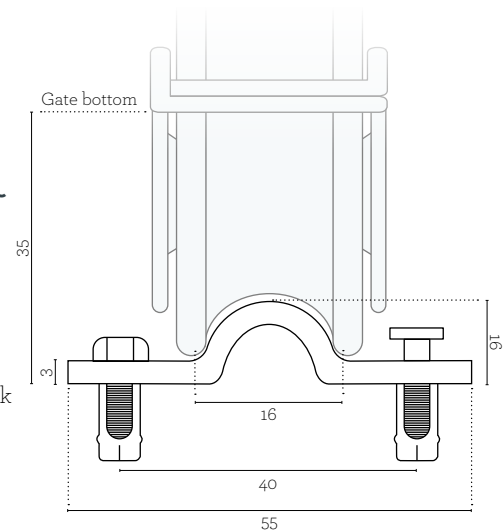


Order Code: BSGT

SPECIFICATION

- Heavy duty galvanised gate track
- Fittings excluded

Supplied in 3m long lengths



GATE WHEELS

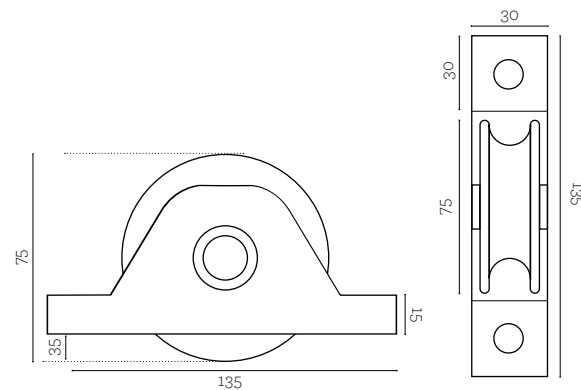
Heavy Duty Steel



Order Code: BSG-W

SPECIFICATION

- Heavy duty up to 300kg
- Power coated black



GATE END STOP

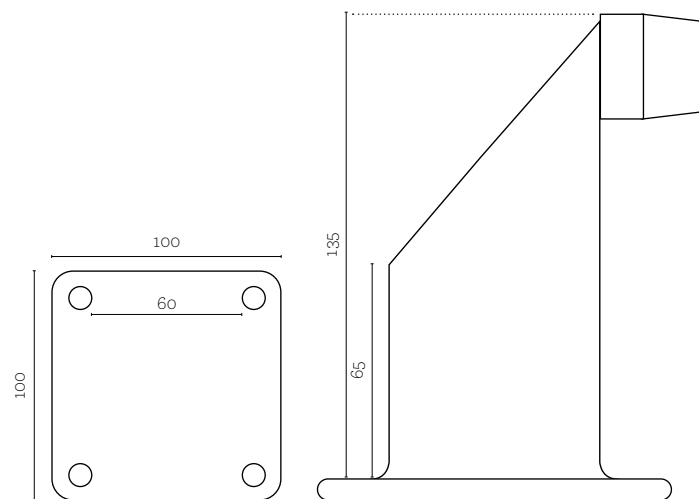
Heavy Duty 8mm Steel



Order Code: BSG-ES

SPECIFICATION

- Rigid bolt down
- Power coated black



SLIDING GATE GUIDE

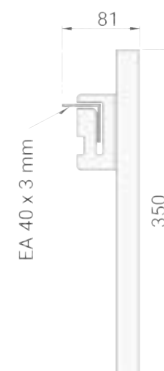
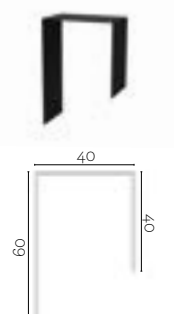
Designed for the Aurora Sliding Gates



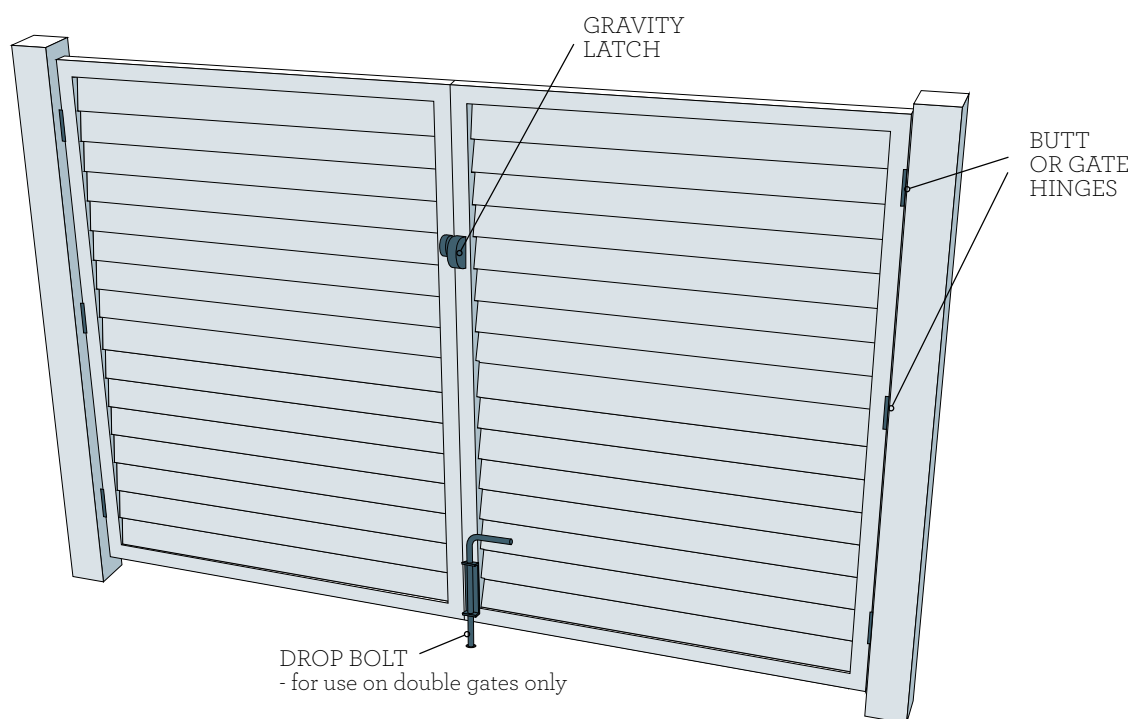
Order Codes:
TRUGLIDE-350
TRUGLIDE-TRACK-PM

SPECIFICATION

- Good for slopping driveways
- Adjustable heights
- Hardwear and codes above work in conjunction



HINGED GATES



GRAVITY LATCH

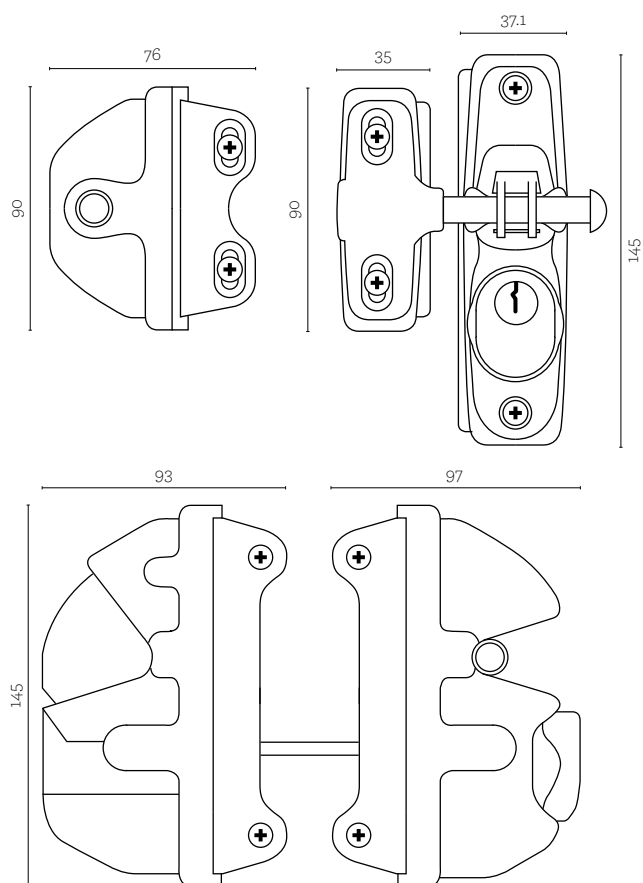
Polymer and Stainless Steel



Order Code: SLV-Viper-X2

SPECIFICATION

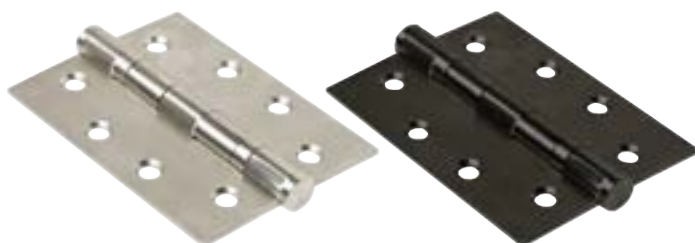
- High grade polymer and stainless steel
- Resists UV and rust degradation



BelAire®
DESIGNER FENCING

STAINLESS STEEL BUTT HINGE

304 Grade Satin Finish Stainless Steel



Order Code:

Stainless: BELBUTT

Black: BELBUTT-B

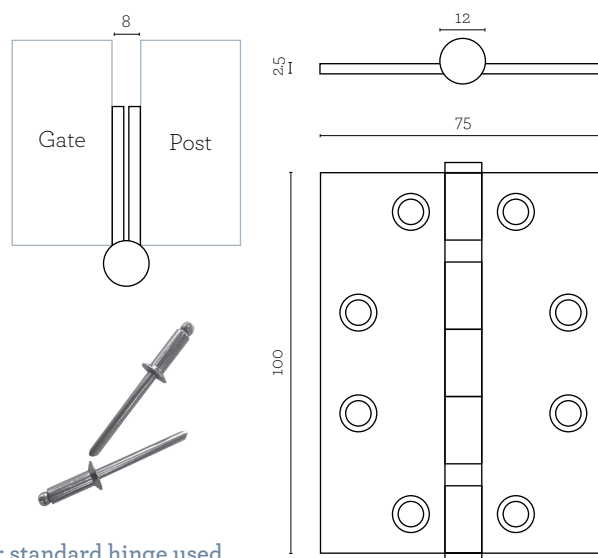
SPECIFICATION

- 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

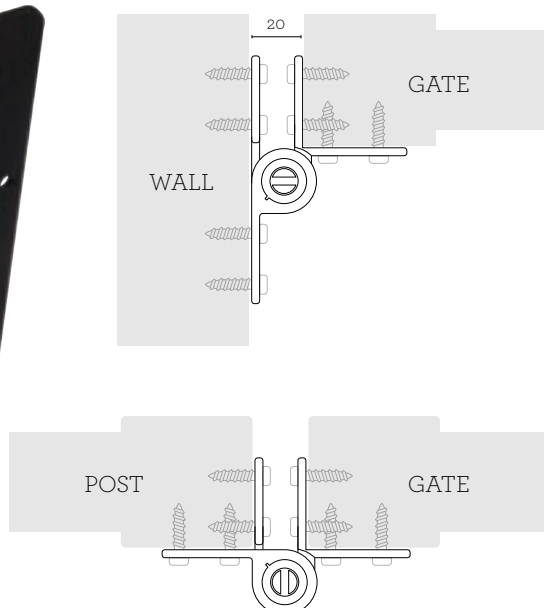
3mm Aluminium Wall or Post Mounted



Order Code: BELKFH

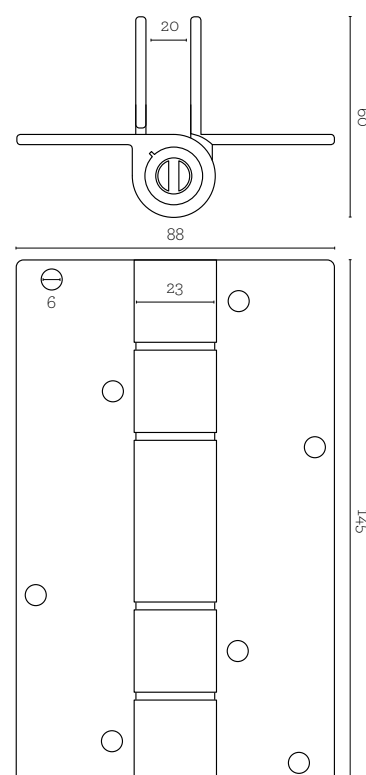
SPECIFICATION

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



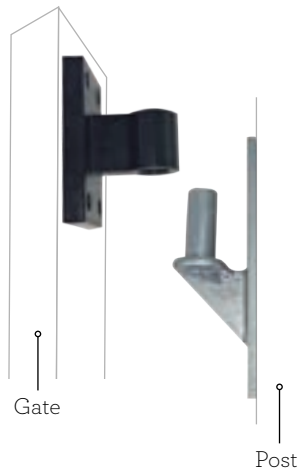
When using HEAVY-DUTY BLACK HINGES, leave a gap between the posts that is:

- 35mm wider than the gate (for a single gate) or
- 55mm wider than the gates (for double gates).



HINGED GATES

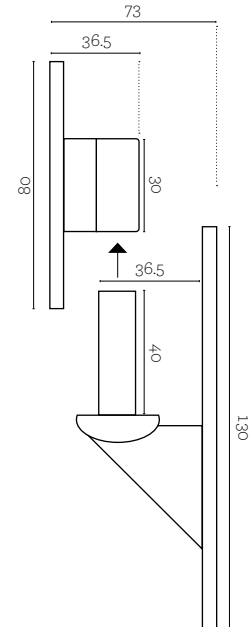
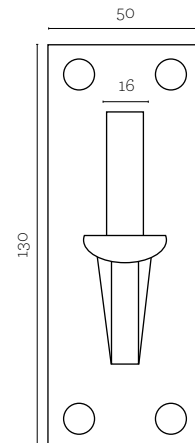
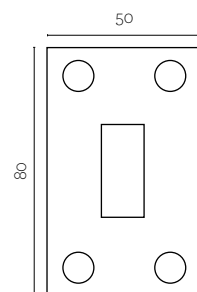
HEAVY DUTY GATE HINGES 8mm Steel



Order Code: BELHDGH

SPECIFICATION

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

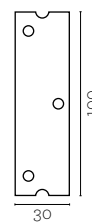
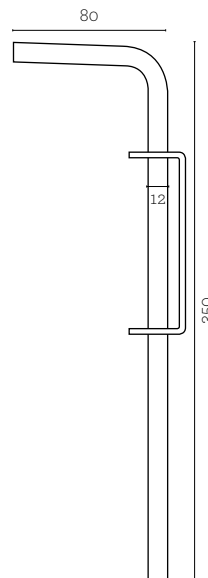


DROP BOLT 12mm Diameter Steel

Order Code:
Stainless: BELDB

SPECIFICATION

- Screw on fittings



Order Code:
BELDB



SET INCLUDES 2 HINGES & LATCH: Order Code: PGH

Polymer and Stainless Steel

- 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



