

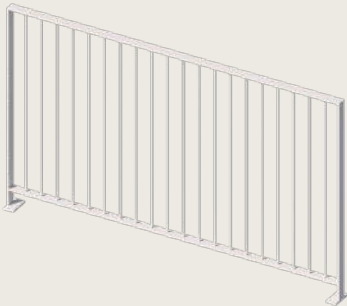
FNCE **TUBE**

technical drawings & specifications

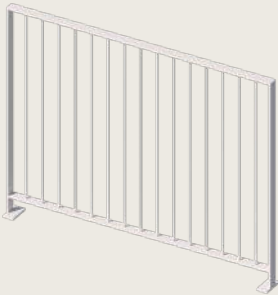
TUBE PANEL TYPES

ACCESSORY PIECES

Tube Standard



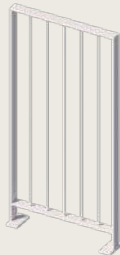
PANEL - 2013m



PANEL - 1491mm



PANEL - 969mm



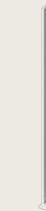
PANEL - 534mm



PANEL - 273mm



GATE PANEL - 1002mm

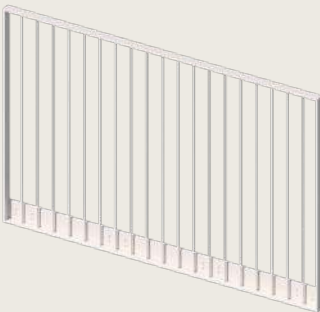


END POST

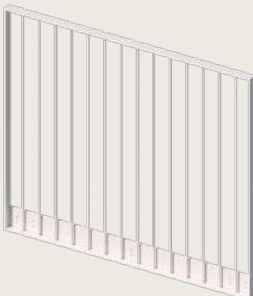


GATE LATCH POST

Tube Slab Edge



PANEL - 2013mm



PANEL - 1491mm



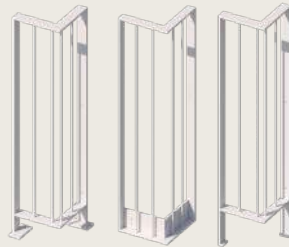
PANEL - 969mm



PANEL - 534mm



PANEL - 273mm

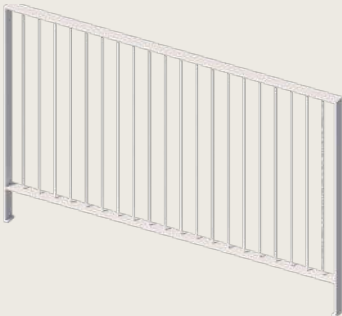


CORNER PANEL



SPACER PANELS STRAIGHT

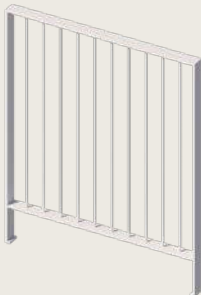
Tube Core Hole



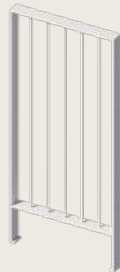
PANEL - 2013mm



PANEL - 1491mm



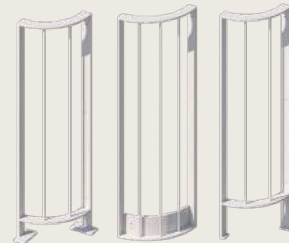
PANEL - 969mm



PANEL - 534mm



PANEL - 273mm



CURVED CORNER PANEL



SPACER PANELS ANGLED

01 – panel types

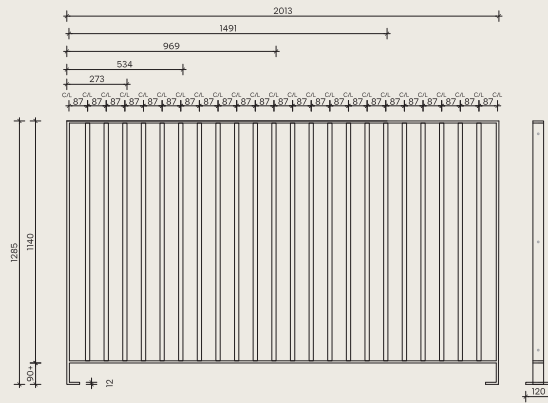
- 10 Year warranty on powdercoat paint finish • 10 Year warranty on Aluminium • 10 Year warranty on Fabrication
- 2 Standard Colours available from the equivalent Interpon Commercial Grade D2525 - Custom colours available on request
- Registered Design Patent - Design No.202115442. Designs Act 2003

Pearl White - Gloss
-YA075A

Black Satin- Satin
-YN167A

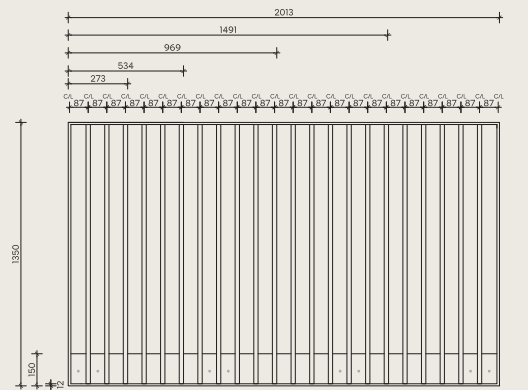


TUBE PANEL DIMENSIONS



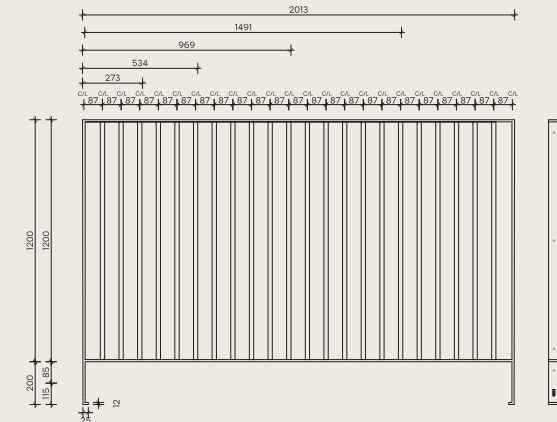
STANDARD PANEL

1285mm H X 273mm, 534mm, 969mm, 1491mm, 2013mm W



SLAB EDGE PANEL

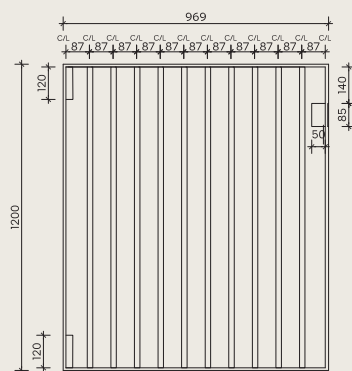
1350mm H X 273mm, 534mm, 969mm, 1491mm, 2013mm W
Minimum Anchors: 273mm- 2No., 534- 4No., 969- 6No., 1491- 6No., 2013- 8No.



CORE HOLE PANEL

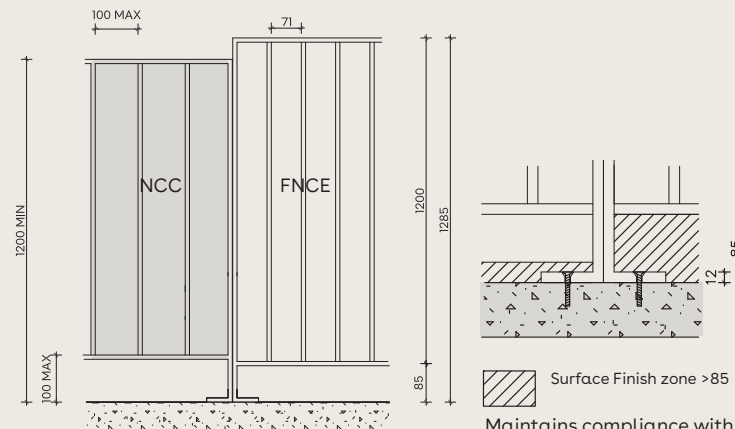
1400mm H X 273mm, 534mm, 969mm, 1491mm, 2013mm W

DETAIL | AS1926.1-2012 Swimming Pool Safety Standards Set



GATE PANEL

1200mm H X 969mm W

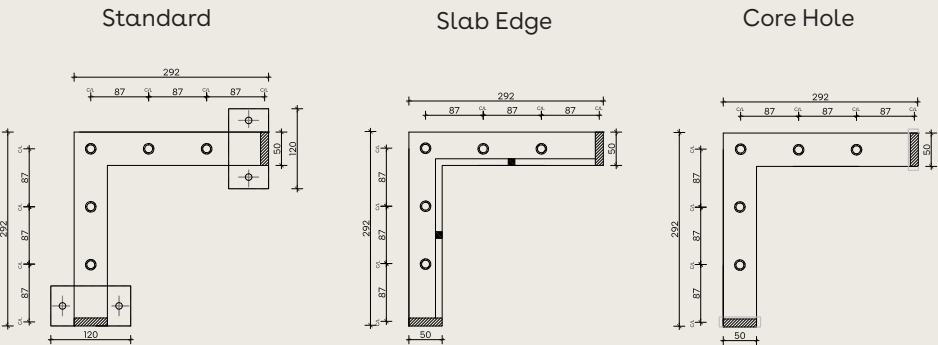


NCC 2019 BCA Vol 2

- Designed in accordance with AS1926.1 / 1926.2-2012, AS/NZ 1170, 1170.1-2002 & 1170.2-2021, AS/NZ 1664.1-1997, NCC 2022 Volumes 2 & 3 / AS3600 & AS 1720.
- Tested and certification to AS 1926.1-2012 Swimming Pool Safety Standards Set, Testing and certification to AS/NZ 1170 & 1170.1-2002



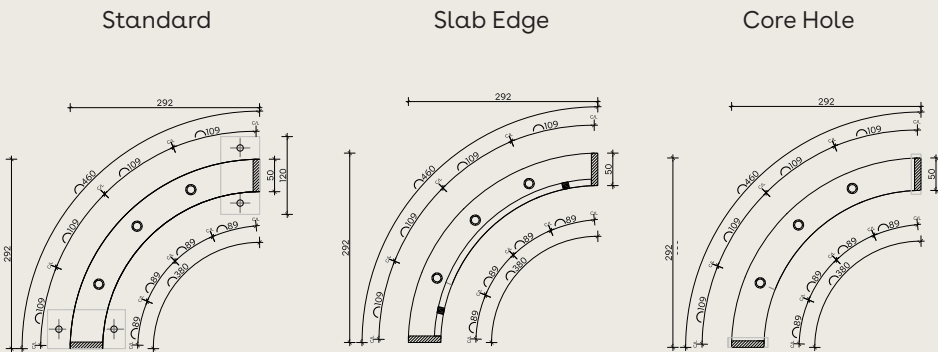
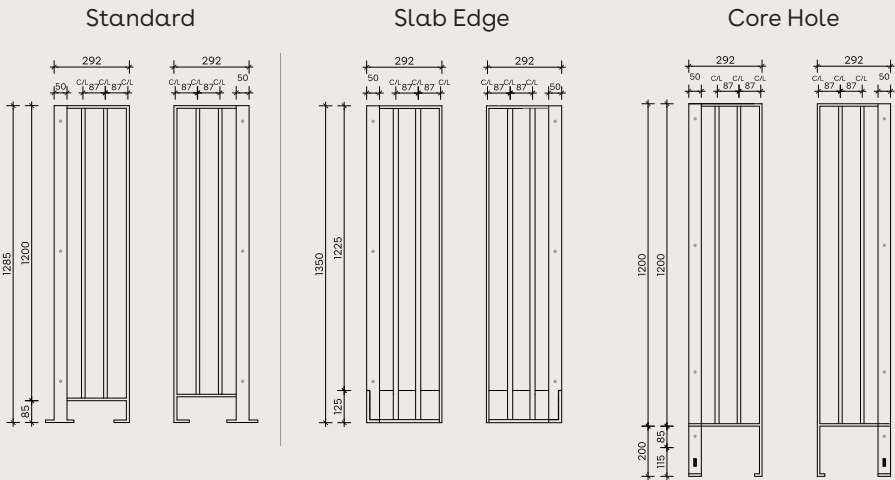
TUBE PANEL DIMENSIONS



CORNER PANEL

1285mm min/ 1485mm max H X 292mmW X 292mmW

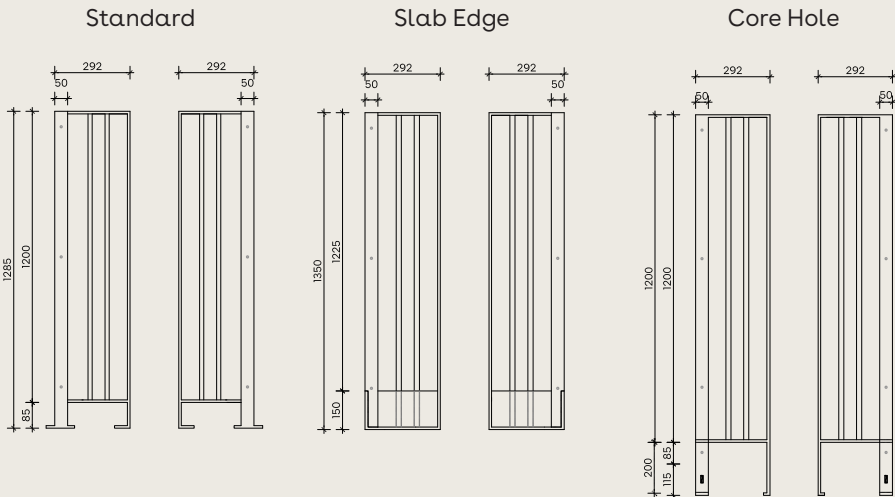
90° Right Angle



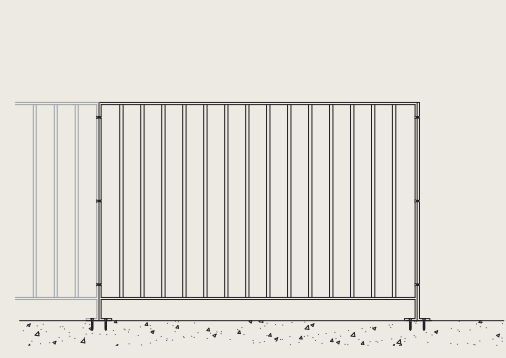
CORNER PANEL

1285mm min/ 1485mm max H X 292mmW X 292mmW

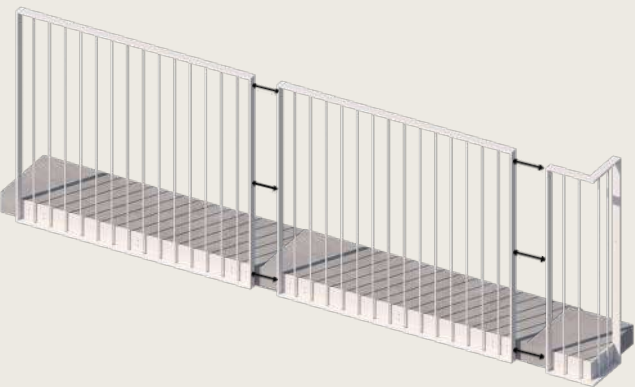
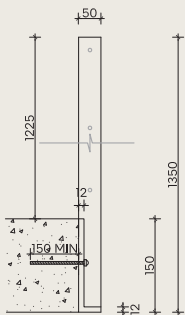
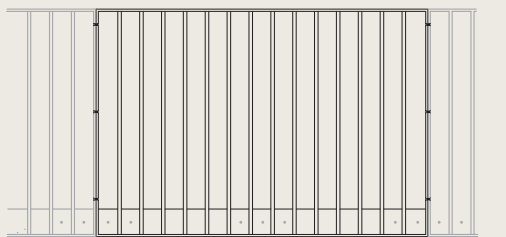
90° Right Angle



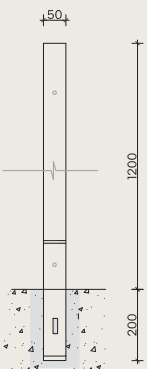
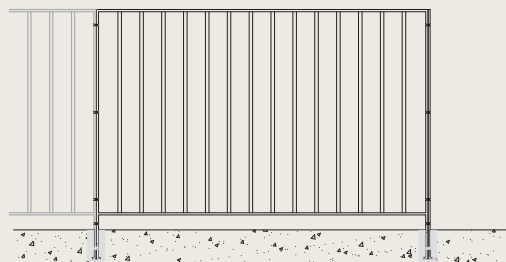
SYSTEM INSTALL OPTIONS



DETAIL | Standard



DETAIL | Slab edge



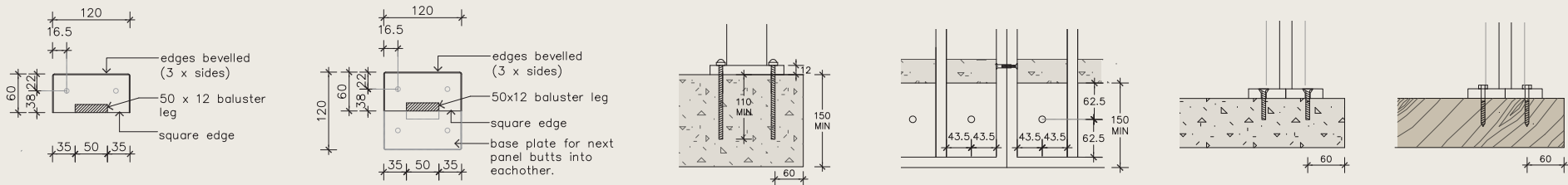
DETAIL | Core Hole

Note: Standard and Core Hole panel types are not free standing.

They must be installed with either an adjoining Fence Panel OR End Post OR Gate & Latch End Post OR Corner Assembly installed on each end.



BASE PLATE FIXING DETAILS



DETAIL | Base Plate Single

DETAIL | Base Plate Double

DETAIL - BASE PLATE | Top of Slab

DETAIL - SLAB EDGE | Connection Panel to Panel

DETAIL - BASE PLATE | Edge distances

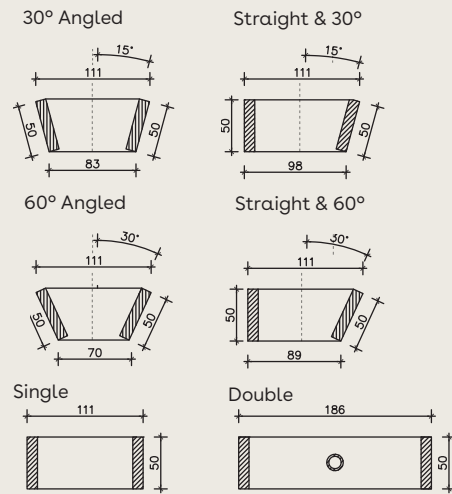
DETAIL 1	DETAIL 2	DETAIL 3	DETAIL 4	DETAIL 5	DETAIL 6	DETAIL 7
Class 'C' Non Shrink Cementitious Grout installed in accordance with manufacturer's recommendations and guidelines. Brand / Supplier to the installers recommendations.	M10 Fischer Ultracut FBS II concrete screws. Min 85mm embedment. OR M8 Hilti HSL4 Expansion anchors with 80mm embedment OR M10 s.s. rods with Chemset 801 with 110mm embedment	M8 Bolt through connection with a 50x50x3 s.s. washer to underside fixed with s.s. Nyloc Nuts OR M10 Stainless A4-70 G316 Countersunk Coach Screw Min. 110 embedment	M10 Fischer Ultracut FBS II concrete screws Min 85mm embedment. OR M8 Hilti HSL4 Expansion anchors with 80mm embedment OR M10 s.s. rods with Chemset 801 with 110mm embedment	M12 Bolt through connection with a 50x50x3 s.s. washer to underside fixed with s.s. Nyloc nuts OR M10 Stainless A4-70 G316 Countersunk Screw Min 110mm embedment	M10 Fischer Ultracut FBS II concrete screws Min 85mm embedment. OR M8 Hilti HSL4 Expansion anchors with 80mm embedment OR M10 s.s. rods with Chemset 801 with 110mm embedment	M12 Bolt through connection with a 50x50x3 s.s. washer to underside fixed with s.s. Nyloc nuts. JD4 Timber - Dry Timber Grade only.
DETAIL - BASE PLATE Core Hole Installation	DETAIL - END POST Masonry & Timber Walls	DETAIL - BASE PLATE Surface Mount	DETAIL - BASE PLATE Slab Edge	DETAIL - BASE PLATE Slab Edge	DETAIL - BASE PLATE Slab Edge	DETAIL - BASE PLATE Slab Edge

Bearing capacity for all ground conditions around and under footing is to be Min 100 Kpa.

Concrete for all slabs and footings - Min 32Mpa. All fixings to be as specified or an approved equivalent and installed in accordance with manufacturers regulations and guidelines. All bolt and screw fixings to comply with edge distances and spacing as per AS1720, Minimum Timber Grade - JD4. Dry timber only - No wet timber permitted. All fencing must be installed in accordance with these installation guidelines. It is the responsibility of the installer / owner to seek installation compliance with the local authority regulations, guidelines and relevant building codes of Australia. Core holes to be installed with minimum edge distances as per certifying engineer requirements. All installers must hold the appropriate licence to certify installation.

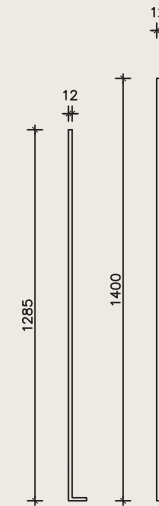
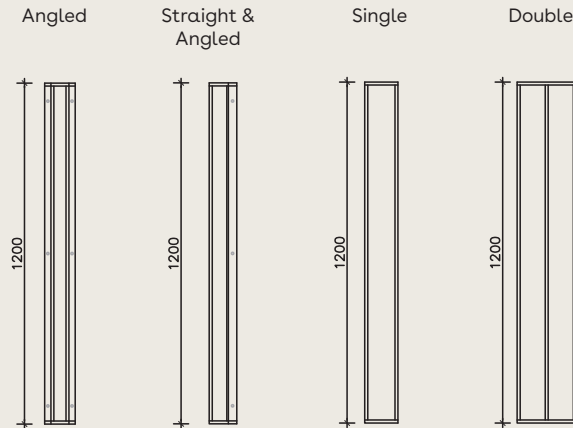


SPACER PANELS, PANEL CONNECTION & TYPICAL WELDING DETAILS



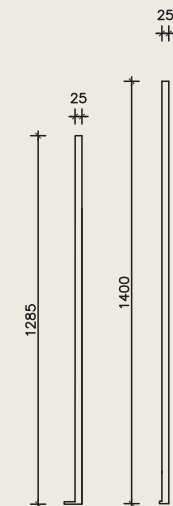
SPACER PANELS

30°, 60°, Straight+30°, Straight+60°, Single & Double



END POSTS

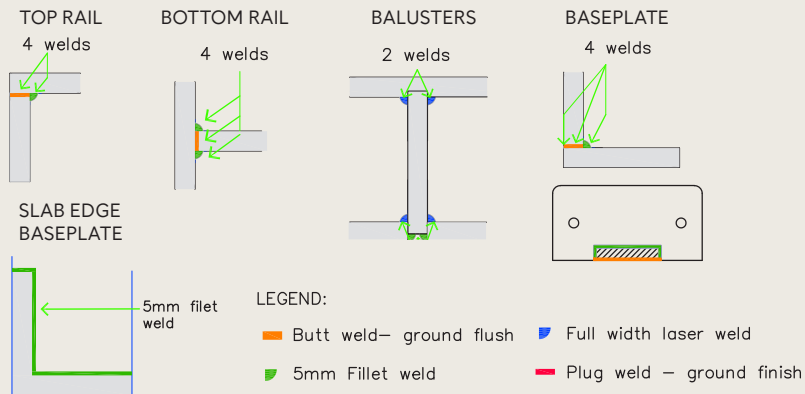
Panel End Post - 50x12 Solid
Standard + Core Hole Install



GATE LATCH POST

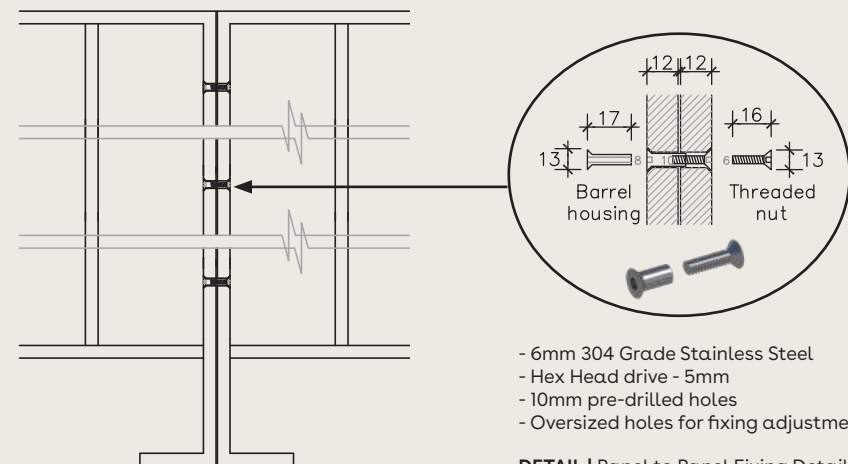
Gate Latch End Post - 50x25x3 Extrusion
Standard + Core Hole Install

TYPICAL WELD DETAILS



- Tube FNCE system: 50x12
- Perimeter frame, legs, base plate: Solid 50x12
- Balusters: 16mm Dia 2mm thick tube -Rebated and welded into top and bottom rails
- Aluminium Grade - 6061 T6

PANEL CONNECTION BOLTS

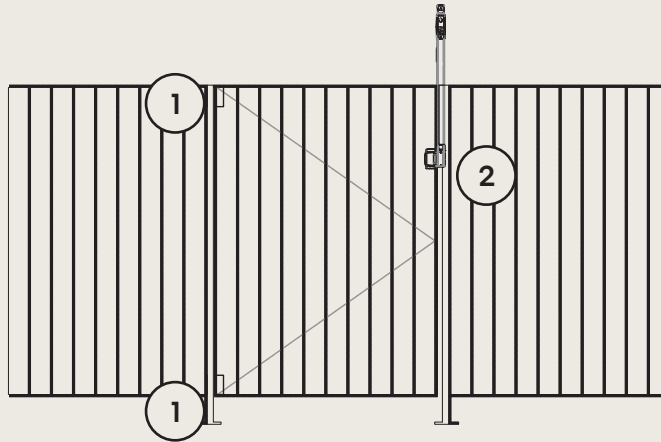


- 6mm 304 Grade Stainless Steel
- Hex Head drive - 5mm
- 10mm pre-drilled holes
- Oversized holes for fixing adjustment

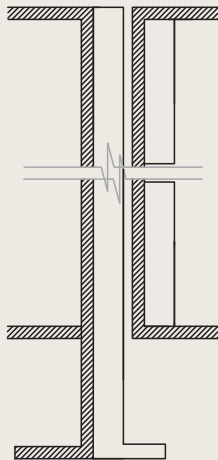
DETAIL | Panel to Panel Fixing Detail



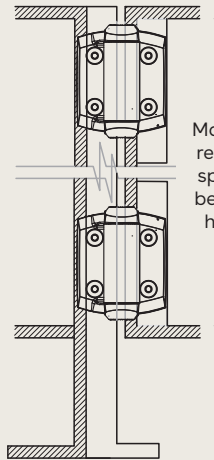
GATE LATCH CONNECTION & FIXING DETAILS



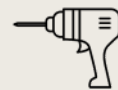
Mark & drill holes for Hinge fixings in required locations



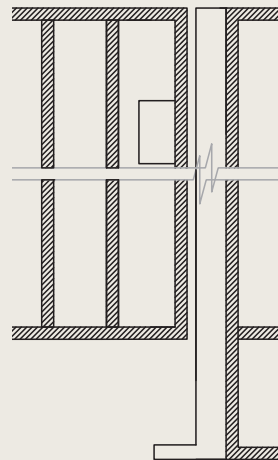
Screw hinges to gate and gate latch post



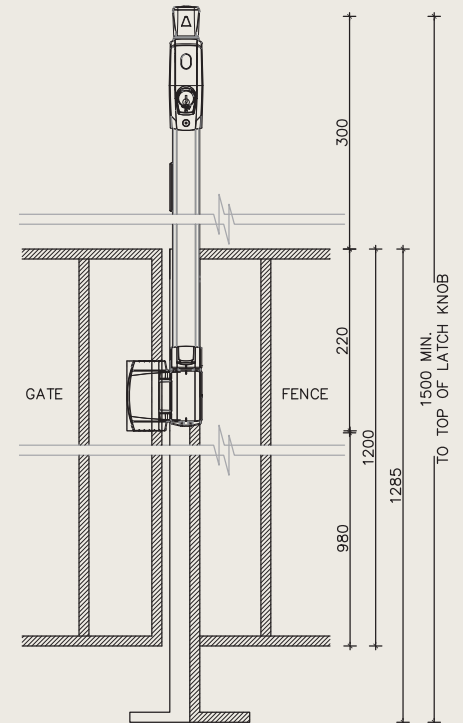
Maintain required spacing between hinges



Mark & drill holes in Gate and gate latch post



Screw gate latch to Gate and gate latch post



1 DETAIL | Gate Hinges & Gate Latch Post

1 DETAIL | Hinge Installation

2 DETAIL | Gate Latch & Gate Latch Post

2 GATE LATCH | Gate Latch Installation

RECOMMENDED GATE LATCH & HINGE

Magnalatch Series 3 Top Pull Model ML3TP & Trucore Regular TCS153BT

Install using fixings supplied from hinge manufacturer

All Hinge, Latch and Gate accessories are to be installed with the manufacturer's installation guidelines and recommendations

All Hinge, Latch and Gates accessories to be installed in accordance with 1926.1 2012 Swimming Pools Safety Standard Set



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