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INSTALLATION DIMENSIONS

Dimensions:
X = 7mm
Y = 3mm
Z = 4mm

TYPE A - Full width rails fitted along top and bottom edges

A1 A2 A3 A4 A5 A6

TYPE B - Full width rails fitted along bottom edge only, patch fitted at top corner

B1 B2 B3 B4 B5 B6 B7 B8

B9 B10 B11 B12 B13

TYPE C - Patches fitted at top and bottom corners

C1 C2 C3 C4 C5 C6 C7 C8

C9 C10 C11 C12 C13
GLASS
All glass used in frameless glass door assemblies must be approved toughened float safety glass.

DOORS
Recommended maximum sizes:

<table>
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<tr>
<th>Max width (mm)</th>
<th>Internal</th>
<th>External</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>Low</td>
</tr>
<tr>
<td>10mm patch</td>
<td>1000</td>
<td>2400</td>
</tr>
<tr>
<td>10mm rail</td>
<td>1100</td>
<td>2570</td>
</tr>
<tr>
<td>12mm patch</td>
<td>1100</td>
<td>2800</td>
</tr>
<tr>
<td>12mm rail</td>
<td>1200</td>
<td>2970</td>
</tr>
<tr>
<td>15mm rail</td>
<td>1300</td>
<td>3600</td>
</tr>
<tr>
<td>19mm rail</td>
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LOCKING
Rails and Patch Fittings are supplied with a Lockwood 590 series lock which enables the doors to be part of a similar master key system if so required, and is available in the following combinations:
- key lock both sides
- key lock one side only
- key lock one side, turn knob on other side

SIDE PANELS
Maximum available toughened size available from New Zealand manufacture for 10 or 12 mm glass thickness is 4.5m x 2.44m

FINS
Stabilising fins are necessary to cope with loads imposed on a door assembly by the action of the door and external wind loads. The fins must be securely fixed to a rigid structure at the top of the assembly.

10mm glass
When the width of the side panel A plus the height of the over panel B exceeds a total of 1.2m, a fin is required, but not necessary if A or B are less than 400mm.

12mm glass
When the width of the side panel A plus the height of the over panel B exceeds a total of 1.5m, a fin is required, but not necessary if A or B are less than 500mm.
TYPICAL DOOR APPLICATION:

- **HPT20**
- **HPT24 or HPT25**
- **4mm gap between doors**
- **CPK590 or EL10CPK**
- **CPL590 or EL10CPL**
- **DD300**
- **HPT10**
- **PL590 or EL10**
- **EFS840 FLOOR SPRING**
- **LK590**

CALL: (09) 624-1180
www.euroglass.co.nz
EFS840 Euroglass floor spring

**AVAILABLE FINISHES**
- Stainless steel (cover plate)

**TECHNICAL DETAILS**
- Double action floorspring including stainless steel cover plate
- 2 spring strengths; 16Nm (weak), 25Nm (standard)
- Maximum door weight 100kg
- Maximum door width 1100mm on standard spring and 800mm on weak spring
- Available 90° in hold open, and non-hold open
- 2 speed hydraulic control; closing adjustment 130°-15°
  - latching adjustment 15°-0°
- Spindle heights from STD to 50mm extension (5mm increments)
- Suitable for use with Euroglass frameless patch fittings and rails
- Warranty 5 years or 500,000 cycles (whichever first)

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**OVERHEAD DOOR CLOSER**
- Double action
- 90° hold open
- Aluminium / wood fix silver pearl coverplate
- Maximum door width: 1000mm

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**OPTIONS**
- Non hold open
DOOR & PATCH FITTINGS:
FLOOR SPRINGS

FLOOR SPRINGS

STANDARD FLOOR SPRING
- Low profile 40mm depth
- Double action
- 90° hold open
- Stainless steel coverplate
- Maximum door weight: 100kg
- Maximum door width: 1100mm
- Maximum opening angle: 130°
- Variable closing force from 25 Nm

OPTIONS
- Brass coverplate
- Non hold open
- 5, 10, 15 mm extended spindles
- 15Nm weak spring force

HEAVY DUTY FLOOR SPRING
- Double action
- Selective multi-point hold open adjustable between approximately 75° and 175°
- Mechanical backcheck at approximately 85° and 165°
- Stainless steel coverplate
- Maximum door weight: 300kg
- Maximum door width: 1400mm
- Maximum opening angle: 180°
- Variable closing force 53 Nm

OPTIONS
- Brass coverplate
- 5, 10, 15 mm extended spindles
- 35Nm spring force

CALL: (09) 624-1180
www.euroglass.co.nz
EPCHO Moritz self-closing patch, hold open
EOCNHO Moritz self-closing patch, non-hold open

AVAILABLE FINISHES
- Polished stainless steel
- Satin stainless steel
- Selected powdercoat (lead time applies)

TECHNICAL DETAILS
Can be mounted to timber, steel or concrete
Suits 8mm, 10mm or 12mm toughened safety glass
Includes base pivot plate
Hold or non-hold open options
Applicable for door width of 750mm to 1000mm and weight up to 100kg
Bottom patch fitting for internal doors
Used in conjunction with a standard top patch fitting and floor stop
Multiple adjustments and settings for closing and breaking speed
Suitable for single or double doors
Residential and commercial internal use only
5 year Warranty

Max. opening angle 150°
Hold open at 90
Non-hold open, by request
Two speed adjustment:
Closing speed (150° down to 10°)
Breaking speed (10° down to 0°)
HPT10 Bottom patch fitting

**AVAILABLE FINISHES**
- Polished stainless steel
- Satin stainless steel
- Selected powdercoat (lead time applies)

**TECHNICAL DETAILS**
Bottom patch fitting
Suitable for Euroglass floorspring range and HPT26 free swing pivot
Suits 10mm or 12mm glass
Adjustable pivot insert
Factory set at 55mm

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HPT20 Top patch fitting

**AVAILABLE FINISHES**
- Polished stainless steel
- Satin stainless steel
- Selected powdercoat (lead time applies)

**TECHNICAL DETAILS**
Top patch fitting
Suitable for Euroglass HPT24, HPT25, HPT34, HPT40 and HPT41 pivots
Suits 10mm or 12mm glass
Adjustable pivot insert
Factory set at 55mm

---

HPT22 Top patch fitting

**AVAILABLE FINISHES**
- Polished stainless steel
- Satin stainless steel
- Selected powdercoat (lead time applies)

**TECHNICAL DETAILS**
Top patch fitting
Suitable for RTS85 overhead closer
Suits 10mm or 12mm glass
Adjustable pivot insert
Factory set at 55mm
Reversible to 65mm
HPT24/HPT25 Top pivot pins

AVAILABLE FINISHES
• Stainless steel for HPT24
• Plated steel for HPT25

TECHNICAL DETAILS (HPT24)
Plate mounted pin
Suitable for use with HPT20 patch and RL2 and RL4 top rails

TECHNICAL DETAILS (HPT25)
8mm metric thread
44mm diameter face washer
Suitable for use with HPT20 patch and RL2 and RL4 top rails

HPT26/HPT26 EXT5 Floor pivot bearings

AVAILABLE FINISHES
• Polished stainless steel coverplate
• Satin stainless steel coverplate

TECHNICAL DETAILS
Free swing floor pivot
Suitable for use with HPT10 and RL1 and RL3 bottom rails

SPECIALS
Available with 5mm extended spindle (HPT26EXT5)

HPT28/HPT28D Head stops

AVAILABLE FINISHES
• Polished stainless steel
• Satin stainless steel

TECHNICAL DETAILS
Rubber infill stop
Available for single or double door installations
Specify HPT28S for single door or HPT28D for double door

HPT30/34 Overpanel pivot patch fitting

AVAILABLE FINISHES
• Polished stainless steel
• Satin stainless steel
• Selected powdercoat (lead time applies)

TECHNICAL DETAILS
Fixing overpanel to wall fitted with pivot pin
Suitable for use with HPT20
Suits 10mm & 12mm glass
Adjustable pivot insert
Factory set at 55mm
HPT30 patch only; HPT34 includes fixing plate

* SPECIAL NOTE
These sizes are based on a 3mm clearance between the overpanel and the vertical wall/mullion. Therefore, if overpanel is to fix into a recessed or wall mounted channel, then these sizes must be adjusted to suit
HPT40 Overpanel to side panel pivot patch fitting

**AVAILABLE FINISHES**
- Polished stainless steel
- Satin stainless steel
- Selected powdercoat (lead time applies)

**TECHNICAL DETAILS**
Fixing with pivot pin
Adjustable pivot insert
Suitable for use with HPT20
& with 10mm or 12mm glass

**SPECIALS**
Pivot pin can be removed and replaced with a stop for single action door when this patch fitting is used for an overpanel/side panel

HPT41L Left hand overpanel to side panel pivot patch fitting including fin fitting

**AVAILABLE FINISHES**
- Polished stainless steel
- Satin stainless steel
- Selected powdercoat (lead time applies)

**TECHNICAL DETAILS**
Patch fitting for overpanel to side panel with fin at 90°
Suitable for use with HPT20
& with 10mm or 12mm glass
Adjustable pivot insert

HPT41R Right hand overpanel to side panel pivot patch fitting including fin fitting

**AVAILABLE FINISHES**
- Polished stainless steel
- Satin stainless steel
- Selected powdercoat (lead time applies)

**TECHNICAL DETAILS**
Patch fitting for overpanel to side panel with fin at 90°
Suitable for use with HPT20
& with 10mm or 12mm glass
Adjustable pivot insert
HPT60 Overpanel to side panel patch fitting

AVAILABLE FINISHES
- Polished stainless steel
- Satin stainless steel
- Selected powdercoat
  (lead time applies)

TECHNICAL DETAILS
Suits 10mm & 12mm glass

HPT61 Overpanel to side panel patch fitting

AVAILABLE FINISHES
- Polished stainless steel
- Satin stainless steel
- Selected powdercoat
  (lead time applies)

TECHNICAL DETAILS
Suits 10mm & 12mm glass
Includes removable single action door stop

HPT70 Overpanel patch fitting incorporating stops for single action double doors

AVAILABLE FINISHES
- Polished stainless steel
- Satin stainless steel
- Selected powdercoat
  (lead time applies)

TECHNICAL DETAILS
Stops removable and reversible
Suits 10mm & 12mm glass
YDG313 Digi-Lock Digital Smart Pad Lock

AVAILABLE FINISHES
• Polished mirrored

TECHNICAL DETAILS
Numbered key pad appears on the mirror screen when touched.
Dual access, either by card or by smart pad touch screen. Multiple cards can be enabled.
Attached to the glass using high bond tapes.
No glass cut out required.
Suitable for 10mm and 12mm glass.
Battery operated. 4x AA batteries will last up to one year.
9volt emergency battery back up.
Used in conjunction with standard Euroglass pivot door fittings.
Auto locking (multi featured)
For internal and external doors (not suitable for out door use).
Residential and commercial applications.
Suits both single and double doors.
Used with keeper box GK313.

GK313 Glass Keeper Box

AVAILABLE FINISHES
• Polished mirrored

TECHNICAL DETAILS
Attached to the glass using high bond tapes.
No glass cut out required.
Suitable for 10mm and 12mm glass.
Striker keeper available for timber or aluminium if required.
PL590 Bottom or top patch lock

**AVAILABLE FINISHES**
- Polished stainless steel
- Satin stainless steel
- Selected powdercoat, lead time applies

**TECHNICAL DETAILS**
Complete with lock and cylinders
Specify cylinder combination
- e.g. Double cylinder, Cylinder/Turn,
- Single cylinder & Single turn
Use with keeper LK590/GK590
Suits 10mm & 12mm glass

CPL590 Centre patch lock

**AVAILABLE FINISHES**
- Polished stainless steel
- Satin stainless steel
- Selected powdercoat, lead time applies

**TECHNICAL DETAILS**
Complete with lock and cylinders
Specify cylinder combination
- e.g. Double cylinder, Cylinder/Turn,
- Single cylinder & Single turn
Use with keepers CPK590 and LK590
Suits 10mm & 12mm glass

CPK590 Centre patch keeper

**AVAILABLE FINISHES**
- Polished stainless steel
- Satin stainless steel
- Selected powdercoat, lead time applies

**TECHNICAL DETAILS**
Use with CPL590
Suits 10mm & 12mm glass
CPL590P Parrot beak patch

AVAILABLE FINISHES
- Polished stainless steel
- Satin stainless steel

TECHNICAL DETAILS
For sliding doors
Complete with lock and cylinders
Specify cylinder combination
e.g. Double cylinder, Cylinder/Turn,
Single cylinder & Single turn
Use with keeper CPK590P
Suits 10mm & 12mm glass

CPK590P Parrot beak keeper

AVAILABLE FINISHES
- Polished stainless steel
- Satin stainless steel

TECHNICAL DETAILS
For sliding doors
Use with CPL590P
Suits 10mm & 12mm glass

EL10PL Top/bottom patch lock

AVAILABLE FINISHES
- Polished stainless steel
- Satin stainless steel
- Selected powdercoat, lead time applies

TECHNICAL DETAILS
Vertical bolt projection 20mm
Eurotype cylinders
Specify cylinder combination
e.g. double cylinder, cylinder/turn,
single cylinder & single turn
Suits 10mm or 12mm glass

EL10CPL Centre patch lock

AVAILABLE FINISHES
- Polished stainless steel
- Satin stainless steel
- Selected powdercoat, lead time applies

TECHNICAL DETAILS
Vertical bolt projection 20mm
Eurotype cylinders
Specify cylinder combination
e.g. double cylinder, cylinder/turn,
single cylinder & single turn
Suits 10mm or 12mm glass
Striker box is available (code EL10CPK)
DOOR & PATCH FITTINGS: PATCH LOCKS

DC88/CT88 Eurostyle cylinders

AVAILABLE FINISHES
• Chrome plate
• Satin chrome

TECHNICAL DETAILS
Used with EL10

LK590/GK590 Lockwood 590 groundkeeper

AVAILABLE FINISHES
• Stainless steel (LK590)
• Satin silver anodised (GK590)

TECHNICAL DETAILS (LK590)
Used with PL590 and CPL590 locks & rails

TECHNICAL DETAILS (GK590)
Used with rail locks & PL590

SC90/TK90/ER90/RS90 Lockwood accessories 590 patch locks

AVAILABLE FINISHES
• Satin silver anodised

TECHNICAL DETAILS
Used with rail locks

374 Straddle fix bolt lock

AVAILABLE FINISHES
• Satin silver anodised
• Selected powdercoat (lead time applies)

TECHNICAL DETAILS
Suitable for 10mm or 12mm thick glass
No cut out of glass panel required
Silicon fixing
Tubular groundkeeper included
Slide and glue-on options
DOOR & PATCH FITTINGS:
DOOR RAILS

RL1/RL2/RL2 COC Bottom and top non-locking door rails

AVAILABLE FINISHES
- Satin silver anodised
- Polished stainless steel
- Satin stainless steel
- Selected powdercoat
  (lead time applies)

TECHNICAL DETAILS
RL1 bottom rail; RL2 top rail;
RL2 COC top overhead closer rail
Supplied in custom lengths with cover plates and end caps
Specify glass thickness: 10mm, 12mm, 15mm or 19mm
Rail length needs to be 9mm less than your glass to allow for end caps
  (please specify glass width)

RL3/RL4/RL4 COC Bottom and top locking door rails

AVAILABLE FINISHES
- Satin silver anodised
- Polished stainless steel
- Satin stainless steel
- Selected powdercoat
  (lead time applies)

TECHNICAL DETAILS
Complete with 590 lock
RL3 bottom rail; RL4 top rail;
RL4 COC top overhead closer rail
Specify cylinder combination
e.g. Double cylinder, Cylinder/Turn, Single cylinder, Single turn
Supplied in custom lengths with cover plates and end caps
Specify glass thickness: 10mm, 12mm, 15mm or 19mm
Rail length needs to be 9mm less than your glass to allow for end caps
  (please specify glass width)

RL5 Bottom and top non-locking sliding door rails

AVAILABLE FINISHES
- Satin silver anodised
- Polished stainless steel
- Satin stainless steel
- Selected powdercoat
  (lead time applies)

TECHNICAL DETAILS
RL5 bottom sliding rail
RL5 top sliding rail
Supplied in custom lengths with cover plates and end caps
Specify glass thickness: 10mm, 12mm, 15mm or 19mm
Rail length needs to be 9mm less than your glass to allow for end caps
  (please specify glass width)
N.B. does not include sliding track system

SPECIALS
Floor guide available
Roller attachments available

CALL: (09) 624-1180
www.euroglass.co.nz
DOOR & PATCH FITTINGS:

DOOR RAILS

**RL6** Bottom and top locking sliding door rails

**AVAILABLE FINISHES**
- Satin silver anodised
- Polished stainless steel
- Satin stainless steel
- Selected powdercoat
  (lead time applies)

**TECHNICAL DETAILS**
Specify cylinder combination
  e.g. Double cylinder, Cylinder/Turn,
  Single cylinder, Single turn
Supplied in custom lengths with cover plates
  and end caps
Specify glass thickness: 10, 12, 15 or 19mm
Rail length needs to be 9mm less than your glass to allow for end caps
  (please specify glass width)
N.B. does not include sliding track system

**SPECIALS**
Floorguide available, see below

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**RL7** Sidelight rail

**AVAILABLE FINISHES**
- Satin silver anodised
- Polished stainless steel
- Satin stainless steel
- Selected powdercoat
  (lead time applies)

**TECHNICAL DETAILS**
Frameless sidelight rail to match door rail
Supplied in custom lengths with cover plates and end caps
Specify glass thickness: 10mm, 12mm, 15mm or 19mm
CH25 channel required to mount rail to floor
Rail length needs to be 9mm less than your glass to allow for end caps
  (please specify glass width)

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**FGR** Guide

**AVAILABLE FINISHES**
- Black nylon

**TECHNICAL DETAILS**
FGR guide for Euroglass sliding rail

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CALL: (09) 624-1180
www.euroglass.co.nz

**C17**
VIENNA HYDRAULIC HINGE

**Glass to wall**

**EH1HO**

**AVAILABLE FINISHES**
- Polished stainless steel, marine grade 316

**TECHNICAL DETAILS**
- Made from aluminium and stainless steel
- Hinge opening angle 100°
- Self-closing from any angle
- Available as non-hold open (for pool environments) and hold open (doors)
- Maximum recommended glass weight: 70kg
- Maximum recommended door width: 900mm
- Standard for 12mm glass, can be supplied for 10mm or 15mm glass on request
- Screw on each pivot block adjusts hydraulic closing speed

**Glass to glass**

**EH2HO**

**AVAILABLE FINISHES**
- Polished stainless steel, marine grade 316

**TECHNICAL DETAILS**
- Made from aluminium and stainless steel
- Hinge opening angle 100°
- Self-closing from any angle
- Available as non-hold open (for pool environments) and hold open (doors)
- Maximum recommended glass weight: 70kg
- Maximum recommended door width: 900mm
- Standard for 12mm glass, can be supplied for 10mm or 15mm glass on request
- Screw on each pivot block adjusts hydraulic closing speed
DOOR & PATCH FITTINGS:
GLAZING CHANNEL

CU25/CU45 Channel

AVAILABLE FINISHES
• Mill finish
• Satin silver anodised

TECHNICAL DETAILS
Stock length: 5m
Thickness 2.5mm

COM1/COM2 Commercial glazing U channel
COM3 End cap

AVAILABLE FINISHES
• Satin anodised
• Mill finish

TECHNICAL DETAILS
Heavy duty one or two-piece architectural commercial channel section, used for interior and exterior applications
Suitable for 10, 12 and 15mm glass,
can be used with 19mm if wet glazed