Before you Start:

1. This handle has been manufactured to specifications which cannot be altered by the installer.
   These include:
   a. Handle type: the CL400 handle is available in Passage, Privacy, Key Locking and Bi-Parting versions. You have purchased the Passage version.
   b. Configuration: the Passage handle configurations include; Passage Magnetic Latching and Passage Non Latching.
   c. Handling (Passage handles are not handed).
   d. Door thickness range: the CL400 handle is available to fit four door thickness ranges. These are: 34-46mm, 46-52mm, 52-58mm (1-3/8” to 1-9/16”), 1-9/16” to 2”, 1-13/16” to 2” and 2-1/16” to 2-7/16”).

2. Component drawings have been provided. Please familiarise yourself with the components and check the package to ensure nothing is missing.

3. To ensure the handle latches accurately, it is essential that the door is adjusted for height and is parallel with the closing jamb when closed before the package to ensure nothing is missing.

4. Refer to the information printed on the Chassis Side Handle boxes to ensure you have purchased a handle with the correct specifications for your situation. If the specifications are incorrect you will need to exchange the handle.

5. This is a metric handle. Accurate measurements are shown in millimetres. Conversions to inches are approximate.

**WARNING: THE STRIKER CONTAINS A STRONG MAGNET**

**Iron Flings** - Magnets will attract shavings from iron or ferrous metals which may be hard to remove. Keep the striker a safe distance away from these materials.

**DANGER FOR CHILDREN** - Magnets may cause serious injury if swallowed. Keep out of reach of children.

**Crushing, Blisters and Cuts** - Fingers may become caught between magnets resulting in crushing, blisters or cuts.

**Breaking or Chipping** - It is possible that magnets could chip or shatter on contact with other hard materials with other hard materials, resulting in chips flying off at high speed into someone’s eye. Chips can also be very sharp - treat them as you would broken glass.

**Magnetically Sensitive Items** - Keep a safe distance between the magnet and all objects that can be damaged by magnetism e.g. mechanical watches, pacemakers, cell phones etc.

**Disposal** - Magnets should be disposed of carefully and in accordance with your local regulations.

### Door Preparation

1. Mark a line on the face of the door where the centre of the handle is to be positioned. Align the centre line on the door cut out template with the centre line on the door. Follow the instructions on the template.

2. Mark two holes in the centre of the door thickness in the positions shown. Using these marks, drill two 2.5mm (3/32”) diameter holes to a depth of 35mm (1-3/8”).

### Fitting the Chassis

3. Remove the face plate screw and face plate from the chassis. Align the chassis with the centre of the door thickness.

4. Screw the chassis to the door using the 2x chassis mounting screws through the slotted holes at the top and bottom of the chassis. Realign the chassis with the centre of the door thickness. When happy with the chassis position, fully tighten the screws.

5. Align the chassis with the centre of the door thickness. Screw the chassis to the door using the 2x chassis mounting screws through the slotted holes at the top and bottom of the chassis. Fully tighten the screws.

6. Align the chassis with the centre of the door thickness. Screw the chassis to the door using the 2x chassis mounting screws through the slotted holes at the top and bottom of the chassis. Fully tighten the screws.

7. Align the chassis with the centre of the door thickness. Screw the chassis to the door using the 2x chassis mounting screws through the slotted holes at the top and bottom of the chassis. Fully tighten the screws.

### Fitting the First Side Handle

8. To exchange the handle.

9. If the specifications are incorrect you will need to exchange the handle.

10. These include:

### Striker Box (magnetic latching version only)

- Striker Nuts (2)
- Striker Body
- Striker Mounting Wood Screws (4)
- Passage Striker Face Plate
- Striker Face Plate Screws (2)

### Tools (contained in Passage Chassis Box)

- Plunger Adjustment Spanners (2)
- CL400 Allen Key (used for all machine screws)

### Fitting the Striker

6. Close the door and mark a horizontal line on the closing jamb 61.75mm (2-7/16”) down from the top edge of the side handle.

**Note:** these instructions are demonstrated on a recessed closing jamb, however, the same method applies to a flat closing jamb.
Fitting the Striker

7. Open the door. Transfer the horizontal line across the centre of the closing jamb. This line represents the top of the striker cut out. A double-sided striker cut out template has been provided. Use the ‘FLUSH striker template’ and instructions to router out the recess in the closing jamb.

8. Remove the striker from its box. Remove the striker face plate from the striker body. Insert the 2x striker face plate screws through the slot in the front face of the striker body - this may need to be adjusted in the steps following. Insert the striker face plate screws and the striker nuts attached, into the cut out in the closing jamb. Screw the 4x striker mounting wood screws into the closing jamb.

9. Insert the striker body, with the striker face plate screws and the striker nuts, into the cut out in the closing jamb. The striker nuts are now trapped in position.

10. Remove the striker face plate screws. The striker nuts are now trapped in position. Adjust if necessary. Close the door. When the striker is fitted correctly the magnet will draw the plunger forward. If this does not happen the striker is misaligned with the plunger (see below). If the alignment is correct, tighten the screws and skip to Step 14; otherwise continue to Step 13.

11. Position the striker face plate in the centre of the striker body - this may need to be adjusted in the steps following. Insert the striker face plate screws and loosely tighten.

12. Close the door. If the alignment is correct, tighten the screws. If this does not happen the striker is misaligned with the plunger (see below). If the alignment is correct, tighten the screws and skip to Step 14; otherwise continue to Step 13.

13. The striker allows 2.5mm (3/32”) of adjustment in each direction when the striker face plate is fitted in the centre of the striker body.

Adjusting the Plunger

14. Manually push the plunger forward until there is no gap between spring reservoir one (SR1) and spring reservoir two (SR2). Restrain the plunger nut using the large end of one of the two identical supplied spanners.

15. Place the small end of the second spanner across the flats under the head of the plunger. Keep the spanner restraining the plunger nut stationary while turning the second spanner clockwise. Continue to turn the spanner until there is no longer a gap between the spanner and the chassis. Now turn the spanner anti-clockwise half a turn. The plunger should now be adjusted correctly. Slide the door closed to check. Adjust if necessary.

Fitting the Remaining Side Handle

16. Fit the remaining side handle to the chassis (using the 3x side handle to chassis screws) by sliding the front flange of the handle under the heads of the three screws. Tighten the screws.

17. Fit the passage face plate to the chassis using the 3x handle face plate screws.