

# Adjustable Door

## INSTALLATION INSTRUCTIONS

Congratulations on the purchase of your Make it Easy/Secure Adjustable Hinged Door, built to provide you with years of security and trouble free service.

Please take the time to read this guide to help you accomplish a professional result.

SIZE FITS ANY DOORWAY BETWEEN :

**AUSTRALIA**

2030mm–2070mm x 808mm–848mm **S** **B**

**NEW ZEALAND**

1970mm–2010mm x 800mm–840mm **B**

**B** = BARRIER **S** = SECURITY



**Protector<sup>AI</sup>**  
MAKE IT **EASY** MAKE IT **SECURE**

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## Tools required

Ensure you have the following tools and fasteners:

- 1 Pencil
- 2 Ruler
- 3 Tape Measure
- 4 Utility Knife
- 5 Phillips Head Screwdriver
- 6 Hammer
- 7 Chisel (Sharp)
- 8 Drill
- 9 Drill bits – No.20 and No.30
- 10 Dropsaw



### WARNING

When using power tools, always ensure they are connected to an approved earth leakage protected power supply.

Do not use 240 volt tools outdoors if it is raining or the job site is exposed to rain or water.

Always wear suitable safety equipment, e.g. goggle or safety glasses when using power tools and make certain that loose items of clothing, hair and jewellery are restrained.

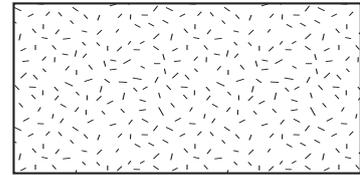
Clear the work area of hazards before commencing.

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## Checking the Door Pack Contents

Inside this pack you should have the following:

Internal Panel  
(Grille, Stainless Steel or Perforated Aluminium) **x 1**



Side frame with lock cut out and latch assembly fitted **x 1**



Side frame with hinges fitted **x 1**



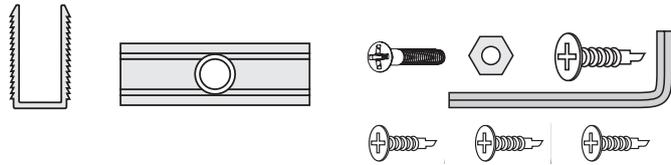
Top Frame **x 1**



Bottom Frame **x 1**



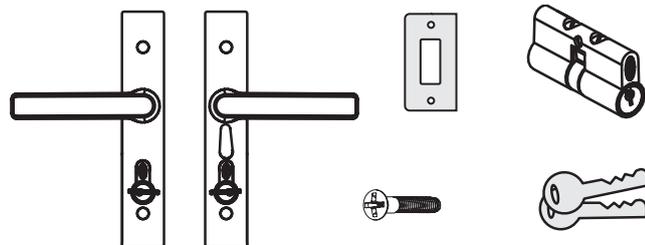
Corner Bracket Assembly (boxed separately)  
corner bracket, clamp, nut, bolt and screw  
**x 4** plus 4mm hex key



### AUSTRALIA SECURITY DOORS ONLY:

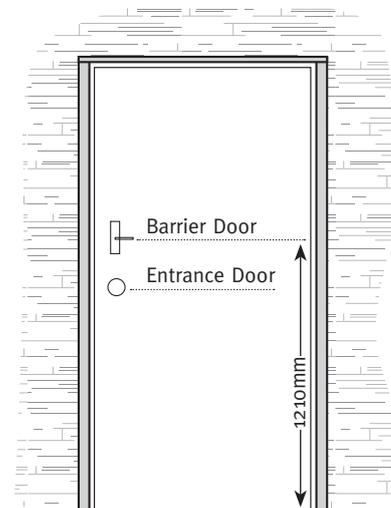
Coloured Screws Black, Primrose, White **x 10**  
(Use the colour that matches your frame)

Latch Assembly Parts, screws and  
striker plate/s (boxed separately) **x 1**



## Measure the opening and cut door to size

- Determine if your door will be hinged to the left or right hand side when viewed from the street.** Protector Adjustable Barrier Doors can be hinged either right or left, by simply rotating the door 180° to suit.
- Decide whether your door will swing in or out – most security doors swing out.**  
Hinges face the side they open toward (ie face in for inward opening and out for outward)
- Check that door handle will not hit your existing door handle, if it does you may have to hinge it from the other side.**
- Measure the heights left and right side of frame (y)**  
If heights are different, use the smaller height

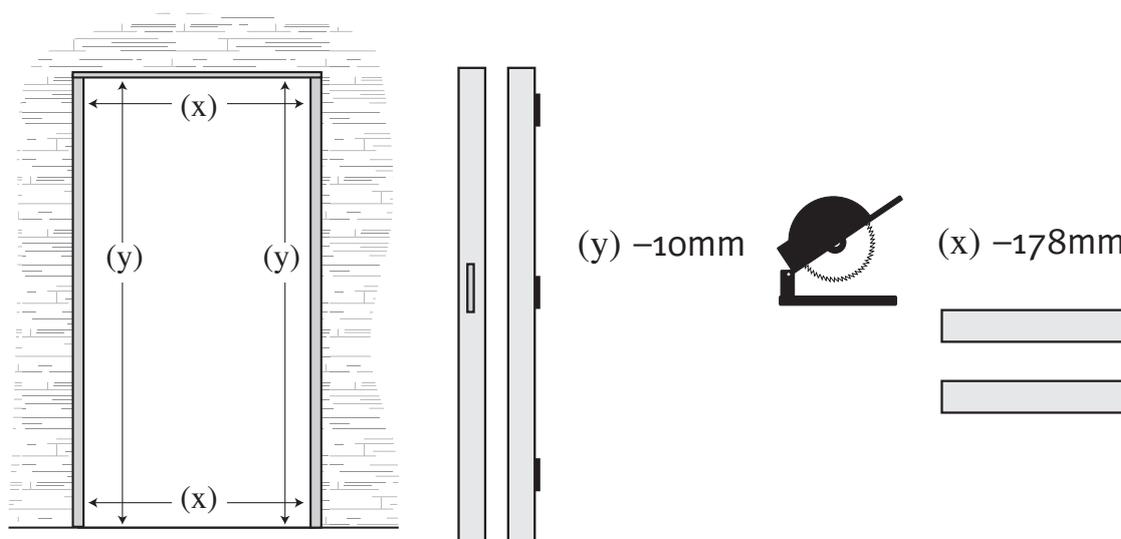


**Cut side frames 10mm shorter than the height of door frame opening**

- Measure the width of door frame – top and bottom (x)**  
Measure the width of frame opening at top and bottom

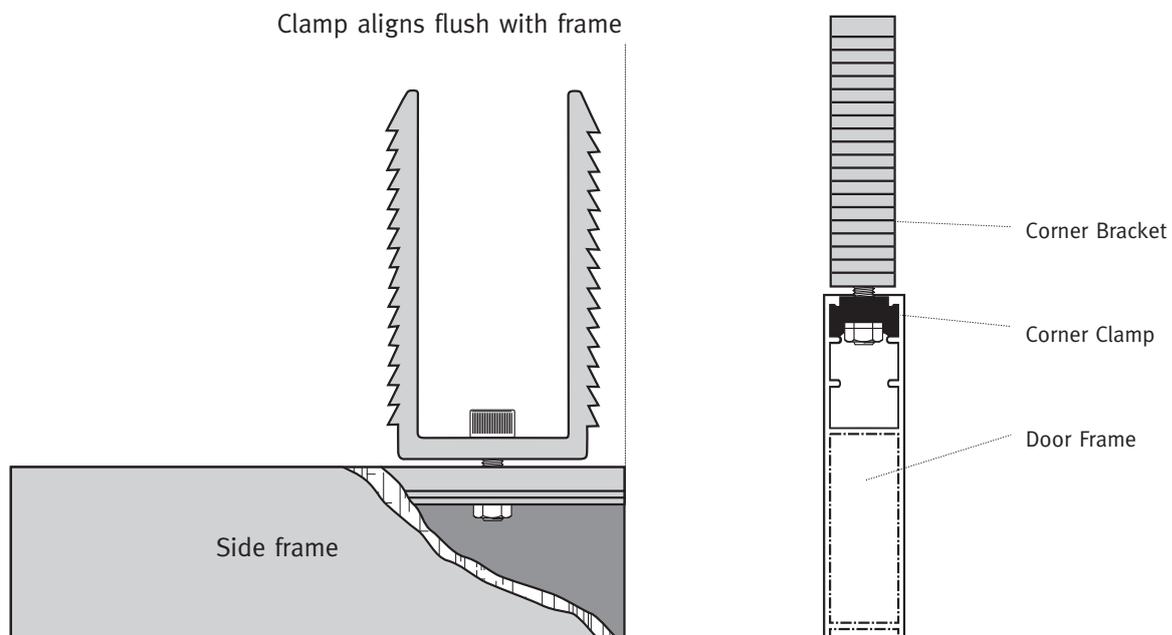
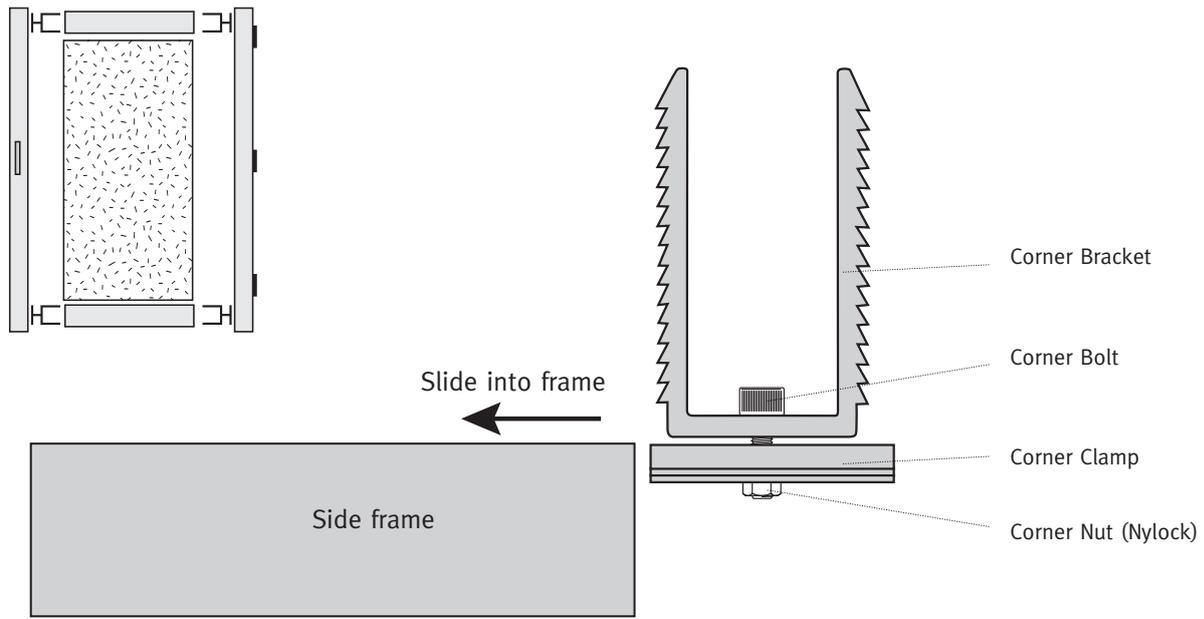
**Cut top and bottom frames 178mm less than the width of door frame opening**

The middle can be adjusted later



## Corner Bracket Assembly

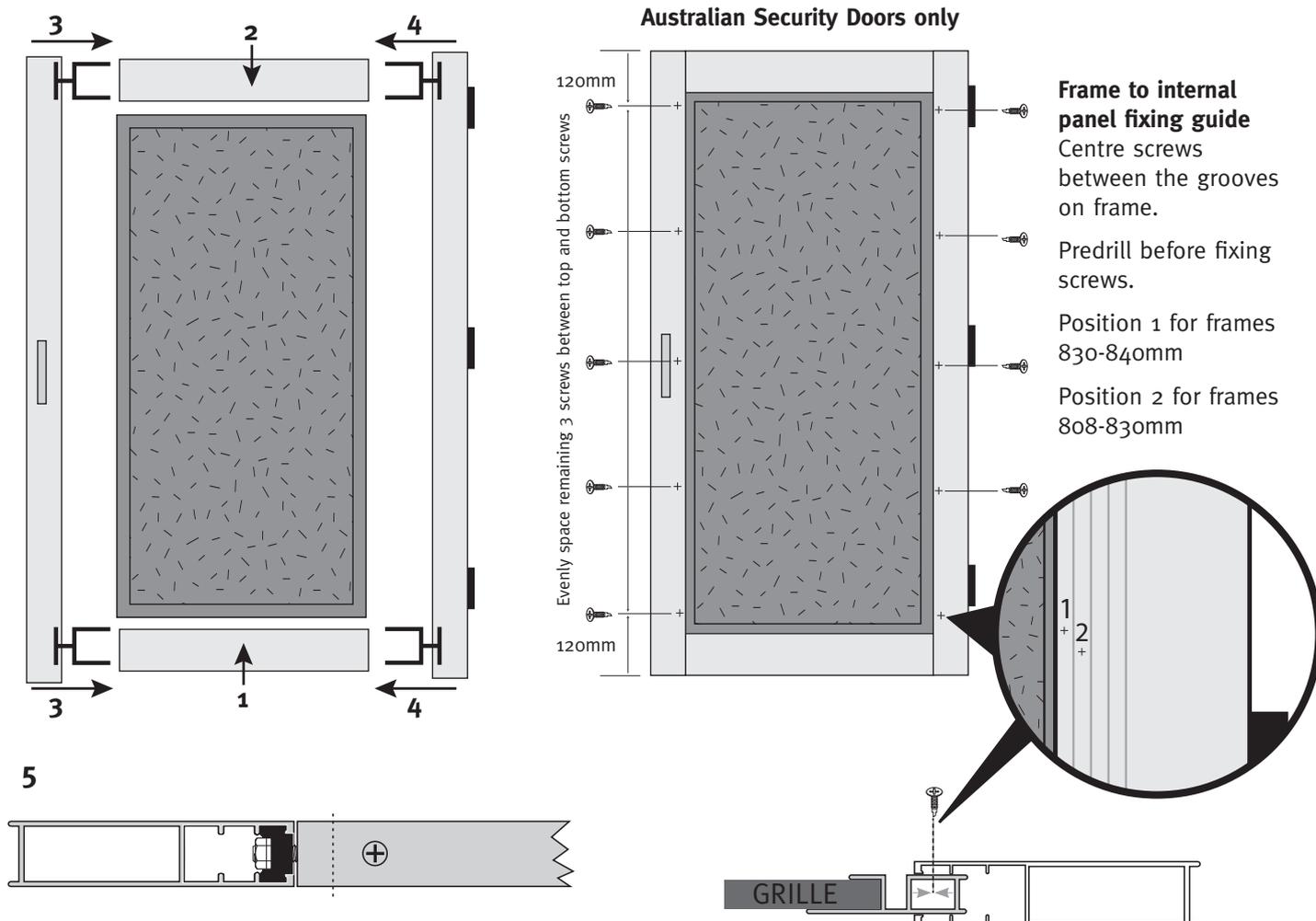
Insert the corner bracket assembly into top and bottom of side frames, tighten using the 5mm hex key. Make sure the edge of the corner clamp is flush with the end of the side frames.



## Door Assembly

Assemble with outside of door facing down, ensure hinges and internal panel are also facing down

1. Slide the bottom frame onto the internal panel keeping it approximately centre
2. Repeat with the top frame
3. Insert corner brackets into top and bottom frames ensuring the internal panel slides into the side frame.
4. Insert corners into the other side
5. Screw the corners with one screw to each corner – clamping top and bottom can make it easier to fit. **Pre drilled screw holes will also make it easier using a No. 20 drill bit**
6. Using a timber block and hammer tap the internal panel so it sits centrally within the frame. If middle measurement differs from the top and bottom measurement you can adjust it by either squeezing or pulling the outer frame.
7. **AUSTRALIAN SECURITY DOORS ONLY** Screw frame to internal panel from the inside of door, using the 10 coloured screws supplied that match your frame. Pre drill holes from inside of door frame as shown in diagram and screw tight.

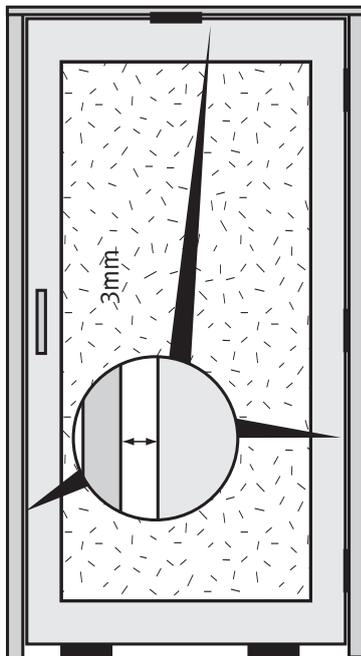


TIP: Before pre-drilling holes ensure screw will be fixing into centre of grille frame cavity as shown

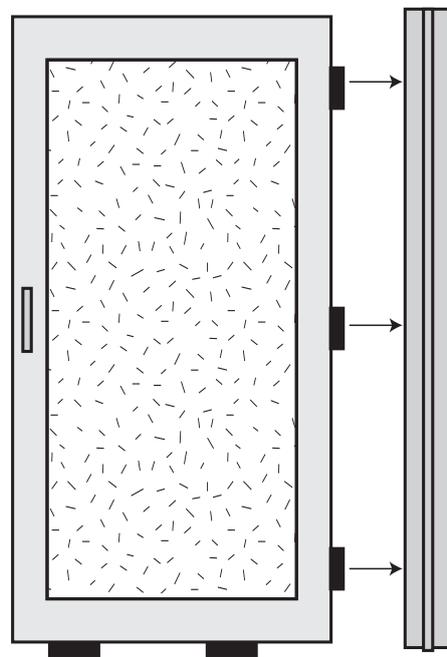
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## Installing Door

- a. Use a packer e.g. 2-3 pieces of cardboard from the packaging. Close the hinges on your Security Door and stand the door on the packers with the hinge side against the door jamb. A 3mm gap at the top is required.
- b. Mark the bottom of the top hinge using a pencil.
- c. Open the door and continue the hinge line onto the inside of the jamb.
- d. Open and prop up the door so that your hinge mark aligns with the hinge.
- e. Fix the hinge in the centre oval hole with a screw. You may need to mark it and pre drill.
- f. Close the door and check your gaps, 3mm top and sides, adjust as necessary.
- g. Fix the bottom hinge and check that the door swings freely of obstruction.
- h. Fix the centre hinge screw off the other remaining hinge holes.



Place wedges top and bottom of door so there is a 3mm gap between door and frame, mark hinge position.



Open door and prop level and aligned with marks on frame for hinges, then fix.

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## 7. Fitting the Latch

FOLLOW THE INSTRUCTIONS PROVIDED WITH THE LATCH PACK FOR ASSEMBLY.

## Fitting the striker plate/s

**Barrier Doors have single lock**  
**Security Doors have triple locks**

Close the door and mark the points opposite the top and bottom of the main lock bolt and repeat for triple lock bolts.

Open the door and place the striker plate/s on the pencil marks and run a pencil around the rectangular opening, through the two screw holes and around the outline of the striker plate/s.

Drill pilot holes for the screws, now chisel out the marked rectangle to a depth of 20mm.

Fit the striker plate/s with the screws, check that the lock bolt engages properly into the striker plate/s and that the recess/es are deep enough.

Now check that the door can be locked and unlocked with the snib, and then check that the door can be locked and unlocked from inside and outside with the key.

