



How to measure guide

Security doors - french doors

To ensure the Prowler Proof ForceField® or Protec security screen doors you are ordering fit and perform perfectly, please follow the steps below. All doors should be ordered as make size. Please note all references should be taken from outside view looking in, as per ordering through COSI.

1 Make Size Limitations

ForceField - no midrail
Max Height (mm) - 2500
Max Width (mm) - 1550

ForceField - with midrail
Max Height (mm) - 3000
Max Width (mm) - 1800

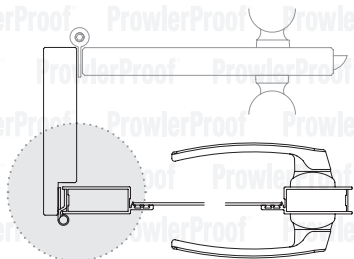
Protec - no midrail
Max Height (mm) - 2500
Max Width (mm) - 1300

Protec - with midrail
Max Height (mm) - 2500
Max Width (mm) - 1800
(Mesh rotated 90 degrees)

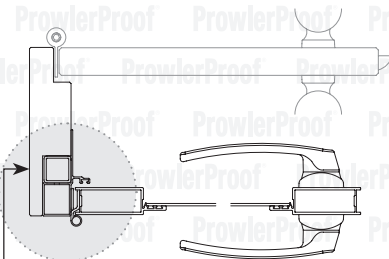
2 Fixing Position

Ensure there is 11mm minimum of surface on the head and jambs that the screen can be closed onto. Ensure the jambs you are fixing into are in good condition and strong enough to fix securely.

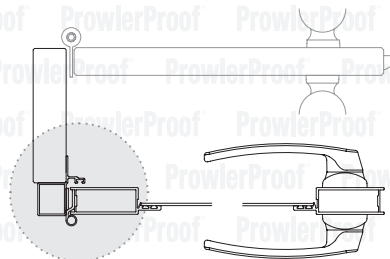
☐ In reveal direct (No clashes)



☐ In reveal with jamb adaptors (Key operation clash)

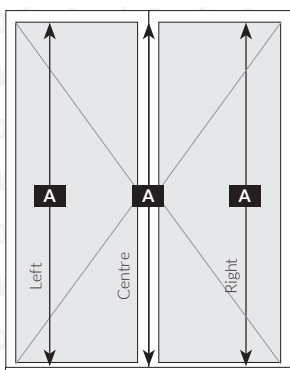


☐ Face fix with jamb adaptors (Handle clash)



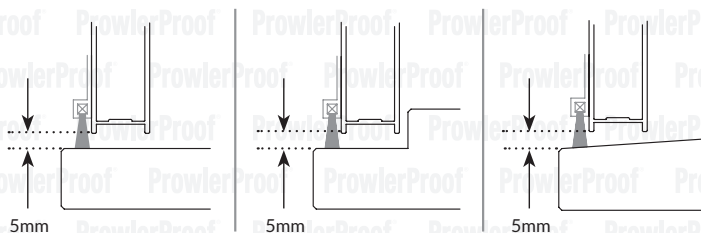
19x19 Box Section

3 Drop



Measure between the head and sill as indicated by dimension **A**.
Check there are no obstructions that would stop the door from operating like light fittings, over hangs at the top, or path irregularities on out swinging doors which may hit at the bottom.
A jamb adaptor and/or bug strip may be required.

AS5040 Install Requirements:
measurement records need to be kept.



A Left: _____ subtract 9mm = _____ mm
A Centre: _____ subtract 9mm = _____ mm
A Right: _____ subtract 9mm = _____ mm

AS5040 Install Requirements: The clearance at the sill and head only should not exceed 5mm unless to compensate for irregularities in the door opening.

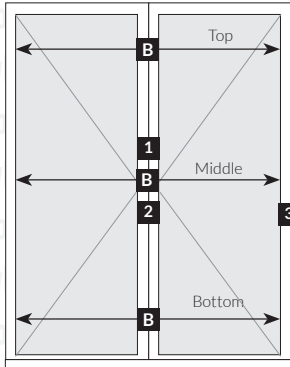
Tip: The screen door should be fitted to the outside face of the existing opening to allow for the hinge pin to sit off the jamb to work properly, otherwise a jamb adaptor or hinge packers may be required. A rebate of 20mm works best.

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4 Width



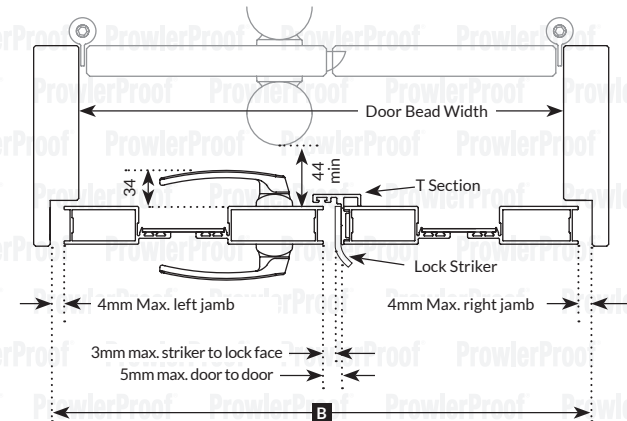
All information shown refers to security doors using a triple lock.

AS5040 Install requirements:

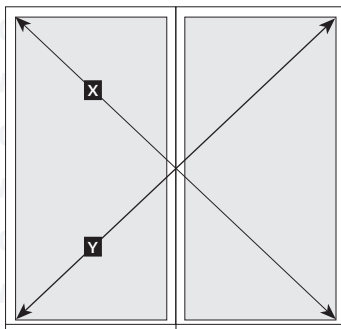
- 1** Clearance between the lock striker and lock face should not exceed 3mm.
- 2** Lock side jamb clearance must not exceed 5mm.
- 3** Hinge side jamb clearance must not exceed 4mm.

- B Top:** _____ subtract 14mm _____ divide 2 = _____ mm
- B Middle:** _____ subtract 14mm _____ divide 2 = _____ mm
- B Bottom:** _____ subtract 14mm _____ divide 2 = _____ mm

Tip: Deduct an extra 1mm if fitting to an aluminium or steel frame.



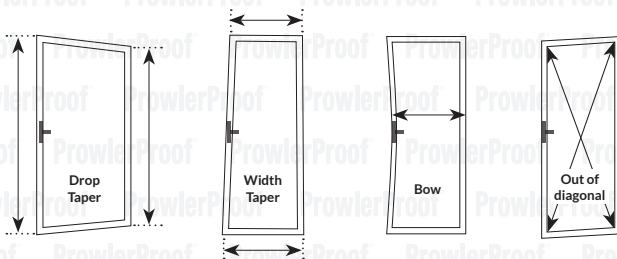
5 Diagonal, Taper and Out of Square Doors



- Drop Taper:** Maximum 10mm difference between left & right
- Width Taper:** Maximum 14mm difference between top & bottom
- Out of diagonal:** +/- 15mm maximum
- Accuracy:** +/- 5mm (applies only to doors that are out of square)
- Bow Centre:** Maximum 7mm difference outside the range of top and bottom either in or out

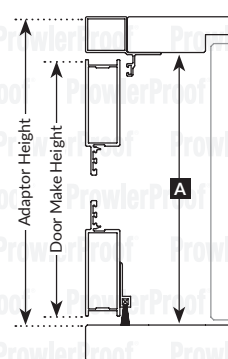
Note: ForceField, SnapLock and Protec products can only be bowed on the lock side.

- X** Diagonal top left to bottom right = _____ mm
- Y** Diagonal top right to bottom left = _____ mm



6 Jamb Adaptors, Door Stop Bead and T Section

Jamb adaptors & stop bead are used at the head and jambs of openings. They are generally used for out of square, bowed openings, flat jambs or as a build-out to allow a gap between door handles.

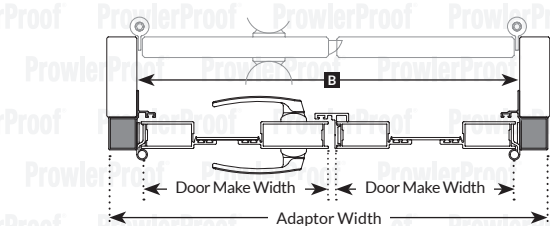


Jamb Adaptors

- A Height Left:** _____ mm
- Add 20mm = _____ mm
- A Height Right:** _____ mm
- Add 20mm = _____ mm
- B Width Top:** _____ mm
- Add 40mm = _____ mm

16x13mm Door Stop Bead

- A Height Left:** _____ mm
- A Height Right:** _____ mm
- B Width Top:** _____ mm
- subtract 26mm = _____ mm



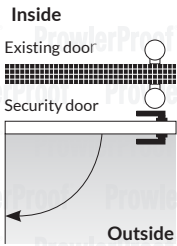
- T Section: A Centre:** _____ subtract 9mm = _____ mm

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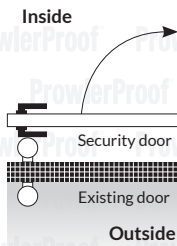


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7 Door Swing



☐ Out-swing



☐ In-swing

The security door will swing in the opposite direction to the existing door.

9 Handle Side



Left Hand Side

☐ Left



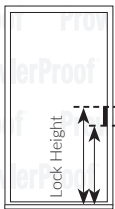
Right Hand Side

☐ Right

From the outside looking in which side will the handle be on?
(On the active door)

Note: Usually the same side as the handle on the existing entrance door.

8 Lock Height



Note: Select one position only.

The security door's handle can be above or below the existing door's lock/handle.

Above: Measure from sill to top of existing

door's lock/handle: _____ mm

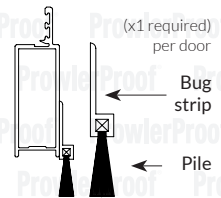
Add 25mm = _____ mm

Below: Measure from sill to bottom of existing

door's lock/handle: _____ mm

Subtract 185mm = _____ mm

10 Bug Strip



Note: Fix bug strip to the door with thin double sided tape to reduce the chance of corrosion.

Bug strip ☐ 16mm ☐ 25mm

Pile size ☐ 16mm ☐ 28mm

Pre-cut lengths

☐ 900mm ☐ 1550mm

☐ 2100mm ☐ 2500mm

Custom cut lengths _____ mm