

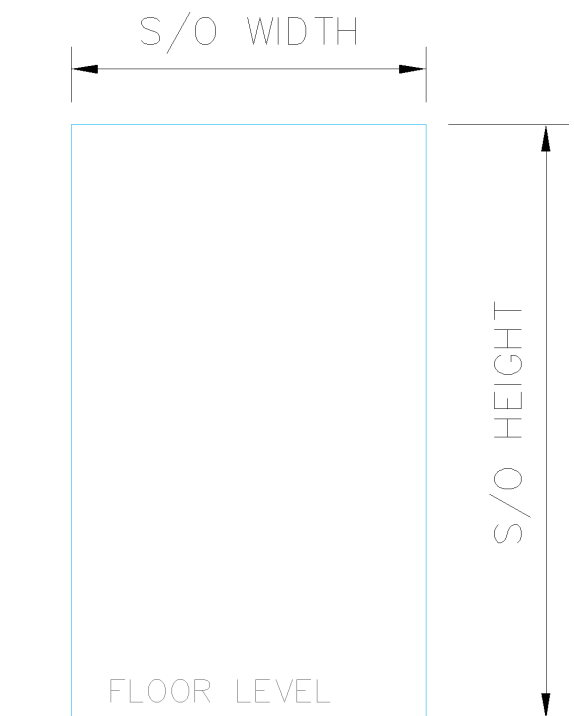
Fitment of Standard Powershield Door Set WI 70 – Rev4

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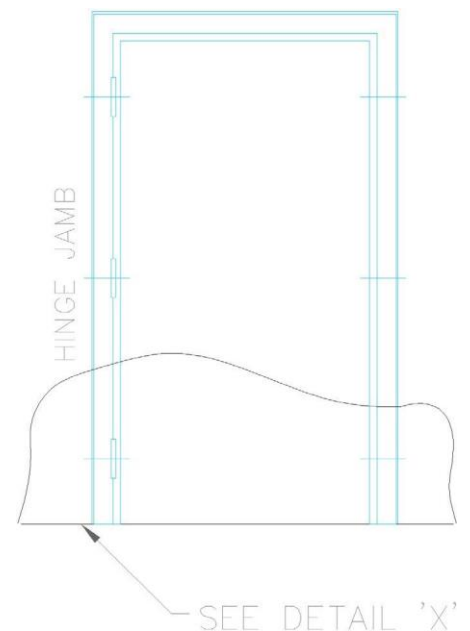


Fitment of Standard Powershield Door Set

- 1 Check structural opening.
Confirm width and height dimensions of structural opening against S/O on drawing.
- 2 Check wall surround.
Check quality of reveals to ensure high quality fixing points can be achieved.

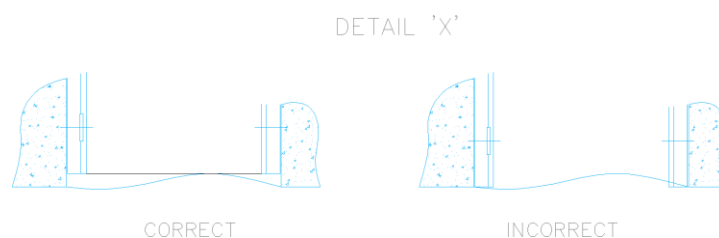


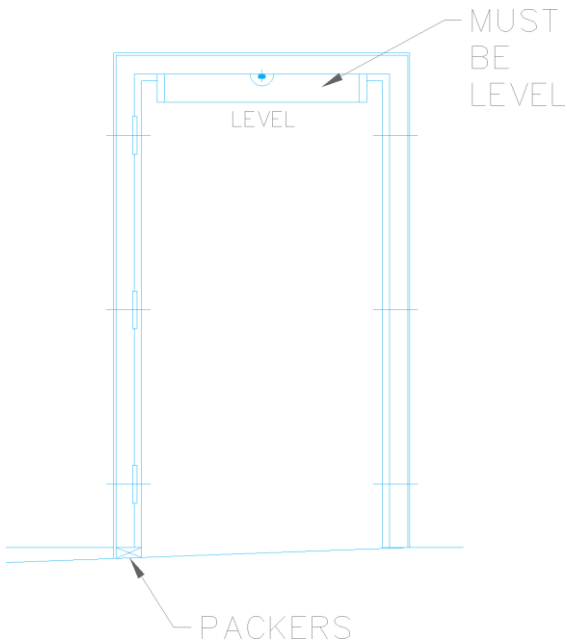
- 3 Position frame.
 - Offer up frame to opening.
 - Ensure correct handing:



- If floor is not level, ensure that the hinge jamb is not resting on the low side of the floor (see drawing below).

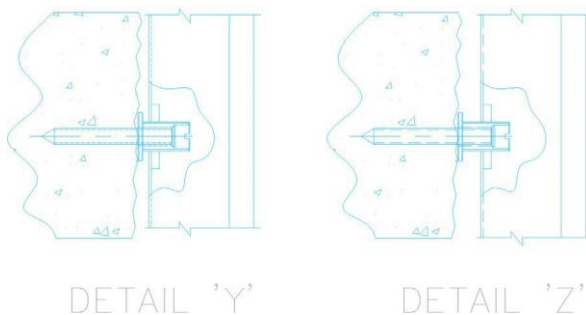
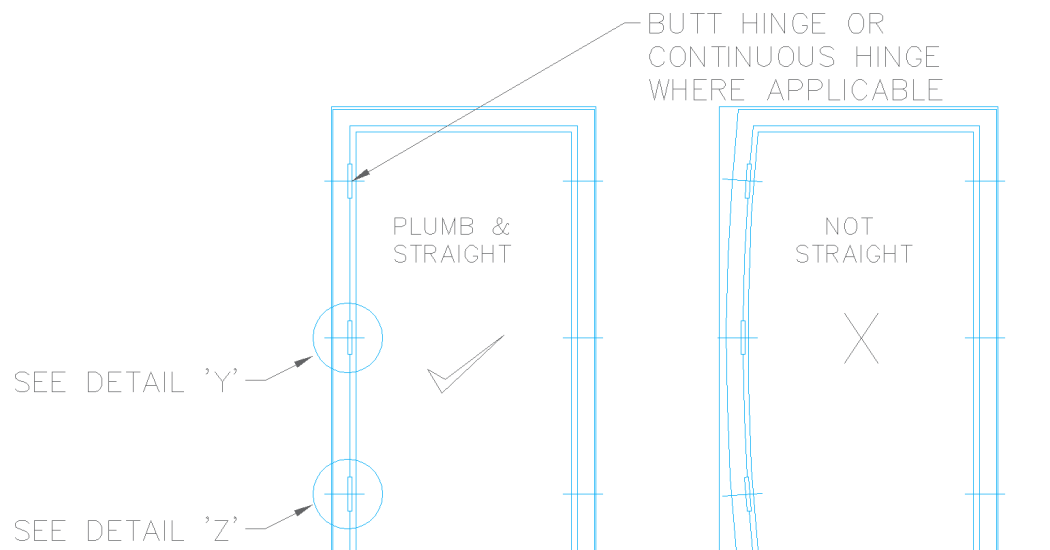
Calculate clearance from highest point over swing.





- Pack up from if floor is not level.
- Ensure frame head can be leveled before fixing either jamb.
- Ensure even gaps between frame and reveal allowing for discrepancies in reveal.

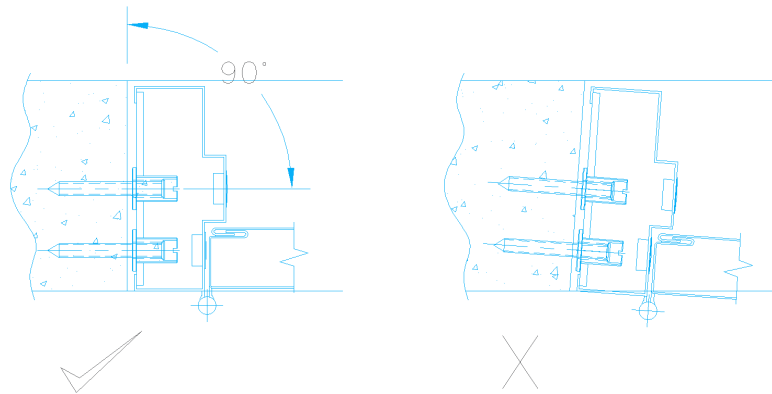
- 4** For single doors, fix hinge jamb first starting at the top, then bottom, finishing in the middle.
- Ensure jamb is plumb in both vertical planes
 - Adjust the Powershield frame adjusters to ensure frame is firm against the wall, and perfectly straight over it's vertical height.



- For double door, follow above procedure fitting one of the hinge jambs first.

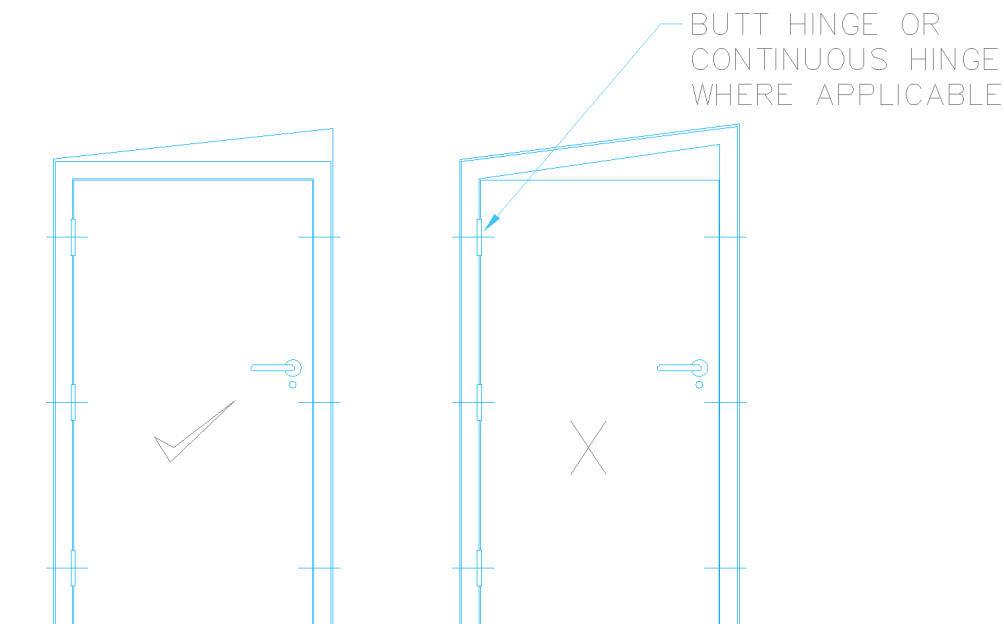
5

- Adjust both bottom Powershield frame adjusters to ensure hinge jamb is square in the opening.
- Position drill inside adjuster screw and drill correct diameter hole (to suit wall construction) to required depth. Insert frame fixing and tighten. Check for squareness.
- Repeat procedure for remaining fixings and tighten fixings.



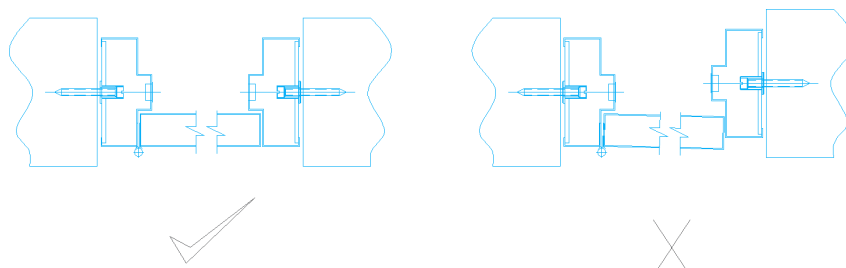
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- Once hinge jamb is correctly fixed then proceed to hang the door leaf in the frame or adjacent leaf for the double doorset.
- Adjust the head of the door frame to ensure the door leaf and the frame head remain level and parallel.

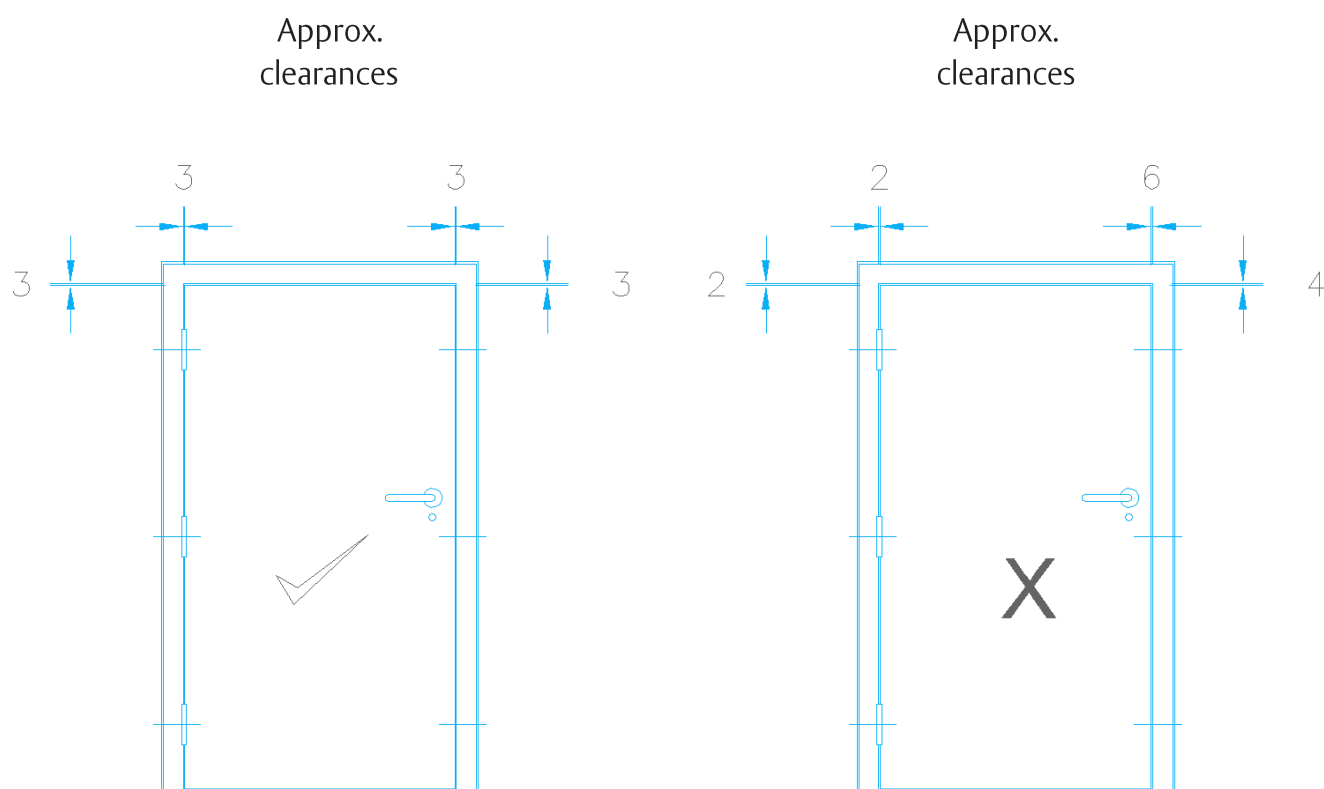


7

- Ensure the door is closing equally to the door frame stops on both the jamb and the head.
- Fix the opposite jamb with this relationship taking precedence over absolute plumb.
- Fix top fixing first, then bottom, then remainder of middle fixings.



- 8 • Ensure adjusters remain firm against reveal.
- Any significant deviation from plumb should encourage a review of earlier steps.
- 9 • Door can now be operated gently to ensure free movement (no clashes!)
- 10 • Second leaf of double door should be fitted in accordance with the above steps, concentrating on the relationship of both leaves at the centre (avoiding clashes and maintaining adequate gapping).
- 11 • All borders between door leaves and frames should be equal and parallel.



- If the door is not centralised, hinge packers can be inserted to through the door in the desired direction.

Applicable door certification:

- CERTIFIRE: CF5701
- CE MARKING: MA5001, MA5016,

Door Installer Check List

- 1 Ensure tight fit of lock installation.
- 2 Ensure tight fit of hardware fixing.
- 3 Ensure tight fit of locking plate.
- 4 Ensure tight fit of hinges.
- 5 Check latch bolt engages fully.
- 6 Check latch bolt(s) are completely retracted when operating the device with the bolt engaged

Procedure for Fitting Door Closer

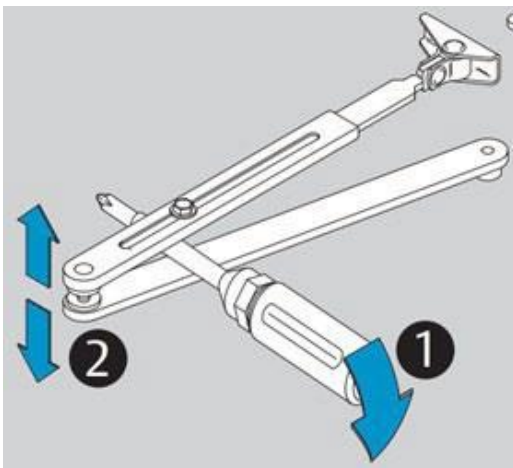


- 1 Remove cap from underside of the closer body.

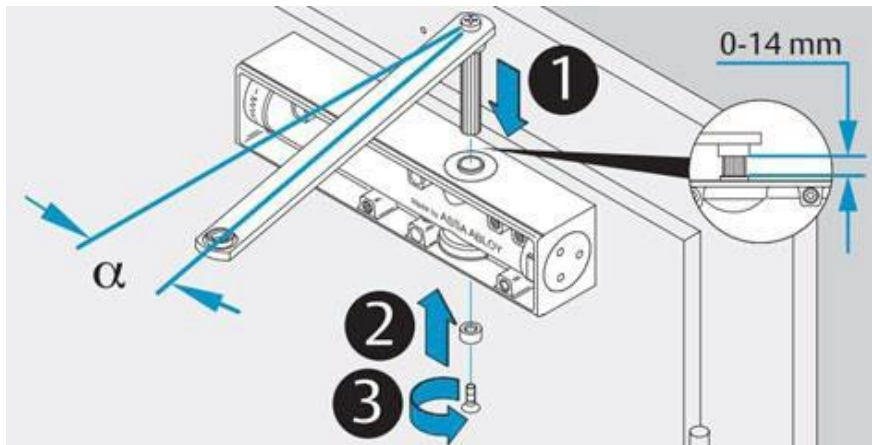


- 2 Remove arm from closer body.

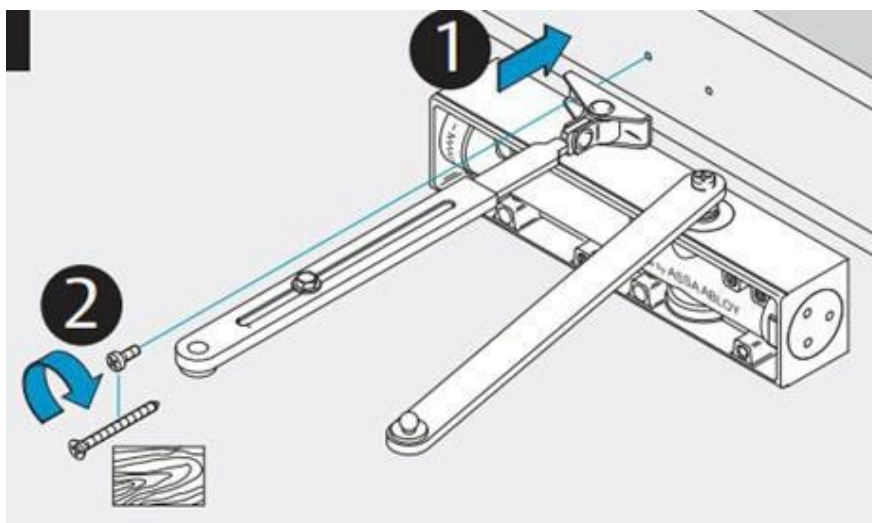
- 3 Separate closer arm into two parts.



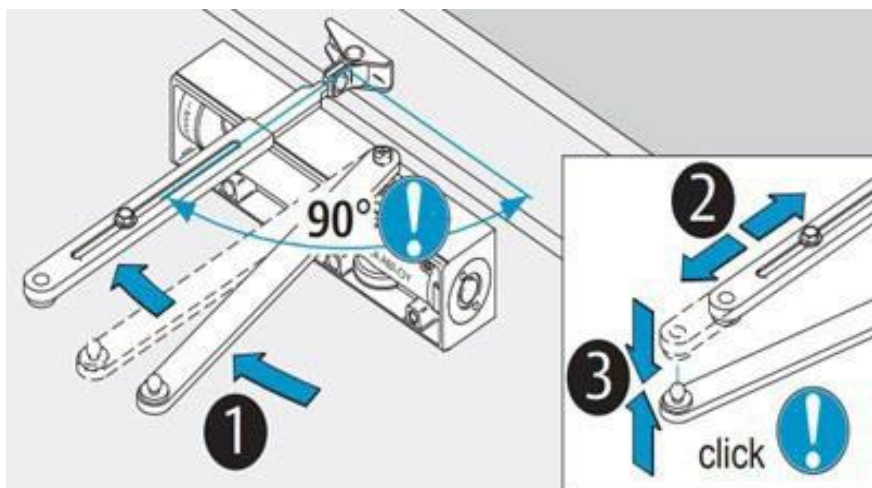
- 4** Reposition bottom part of closer arm into main body so it sits approx 80° to the door.



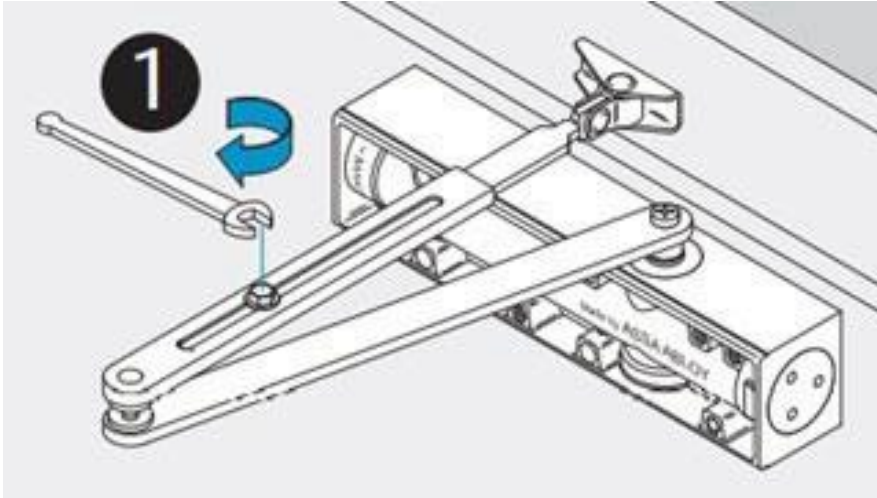
- 5** Fix top part of loser arm to pre-drilled holes in frame.



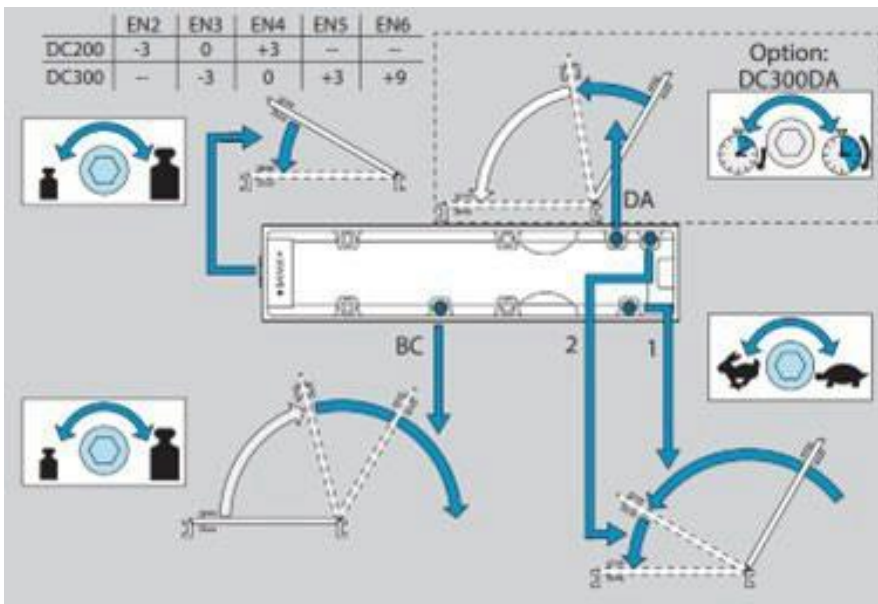
- 6** Bring both arms together and click into place.



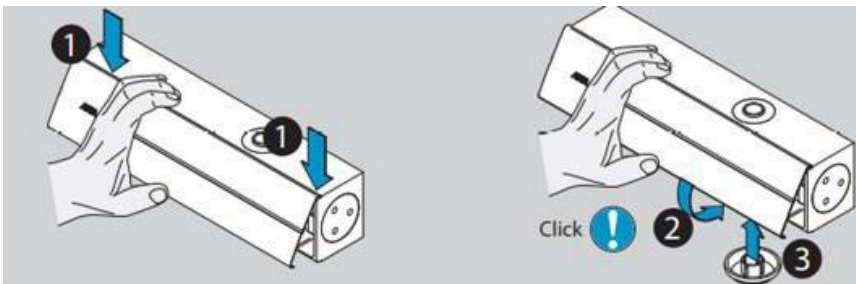
Tighten screw in top arm.



Adjust setting for door closing speed and force.



Bring both arms together and click into place.



Procedure for Dropseal Adjustment

1

When the door leaf is fitted, open and close the door observing the operation of the seal. Adjust accordingly by pulling out the actuator button clear of the housing. Firmly holding the threaded rod, turn actuator button clockwise to reduce movement and anticlockwise to increase the seal movement. Adjust so the seal is in contact with finished floor surface when door is closed.



2

Apply Seal.

- For protection, apply masking tape to frame and wall. use mastic to seal around each side of frame to create watertight bond with surrounding surface.



3

Threshold Fitting.

- Thresholds are cut and notched to fit the frame. They will only require fixing to floor surface. Once frame is installed, fit threshold, drill hole into floor at pre-punched holes and fix in place using rawlplugs and screws.
- For fully welded frames, threshold is already fitted to frame. It just requires fixing to floor once frame installed.

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