

POCKET DOOR PRO

HENDERSON

LINER KIT (NON SELF CLOSING AND SELF CLOSING)

Fitting Instructions

WATCH THE INSTALLATION VIDEO

Visit: www.pchenderson.com/pocket-door-pro-installation

Or scan the QR code using your phone



KIT AND DOOR SPECIFICATION

Kit Order Code	Fire Rating	Function	Max. Door Thickness	Wall Thickness
LK/***	None	Non Self Closing	45mm	120 or 125mm
LKFD30/***	FD30		45mm	120* or 125*mm
LKFD60/125	FD60		54mm	125mm*
SCLK/***	None	Self Closing	45mm	120 or 125mm
SCLKFD30/***	FD30		45mm	120* or 125*mm
SCLKFD60/125	FD60		54mm	125mm*











*** For full short code, replace with required wall thickness - 120mm or 125mm

* Plus 12.5mm additional fire rated board either side













Please Note: Pocket Door Pro Fire Rated is a system developed as part of a 30 minute or 60 minute fire door assembly to BS476:Part22:1987 and should be fitted with a solid core FD30 or FD60 timber based fire door. The fire certificate can be viewed and downloaded at www.pchenderson.com.

KIT CONTENTS

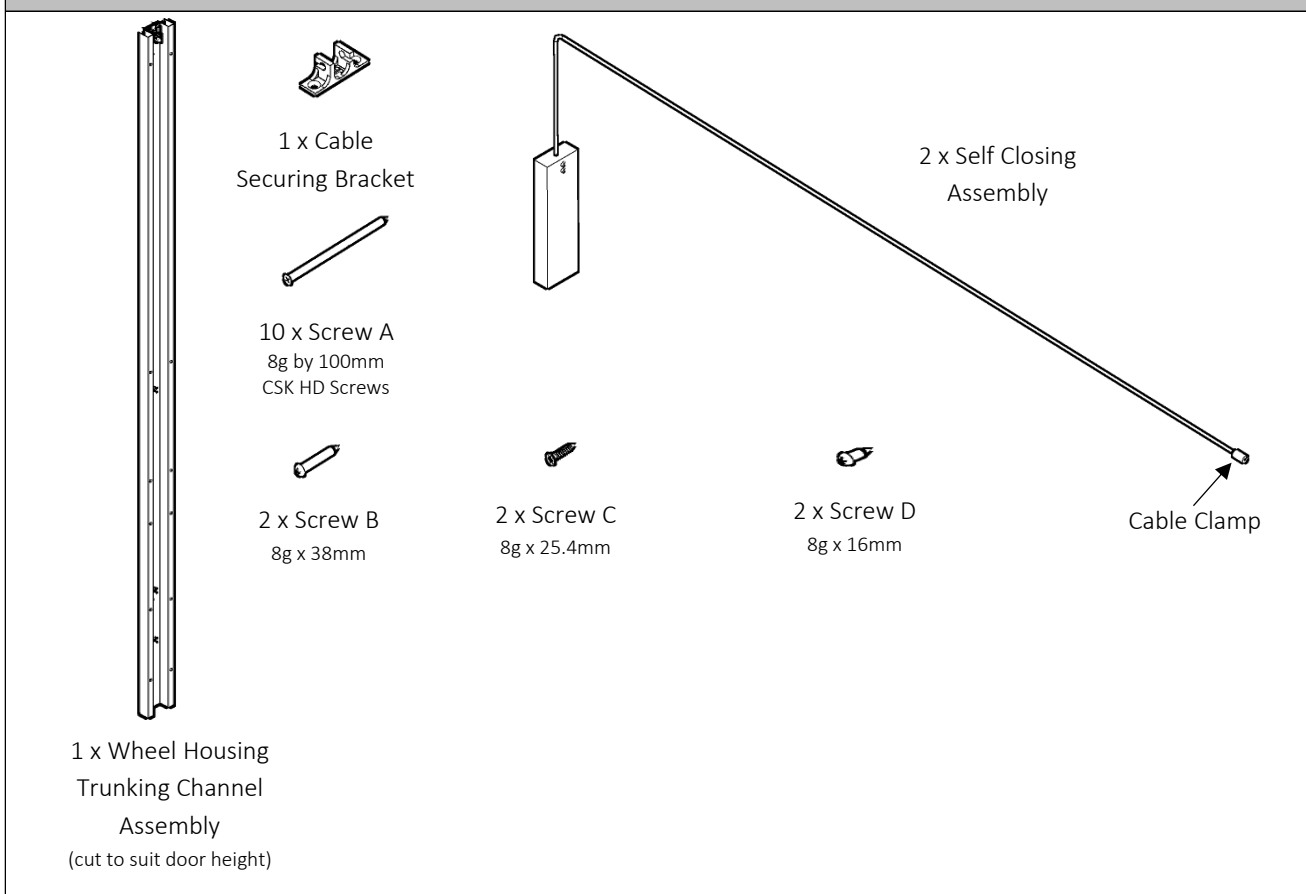
NON FIRE RATED KIT

				
1 x Track Packer	1 x Brush Header	2 x Brush Upright	1 x Jamb Upright	2 x Brush Strip 2 x Long for 35mm doors 2 x Short for 35mm doors 2 x Long for 45mm doors 2 x Short for 45mm doors
				
2 x Acoustic Seal	18 x Pozi Drive Screw Cap	6 x Screw A 4.8 x 45mm Self-Drilling	12 x Screw B 10G x 4" Wood	6 x Screw C 1 3/4" x 8G Wood Screw

FIRE RATED KIT

				
1 x Track Packer	1 x Fire Header	2 x Fire Upright	2 x Acoustic Seal	1 x Fire Jamb
				
2 x Intumescent Strip (30mm x 4mm)	Intumescent Strip (15mm x 4mm) 4 x Long 2 x Short	2 x Intumescent Strip 10mm x 4mm (FD60 Kit Only)	18 x Pozi Drive Screw Cap	
				
6 x Screw A 4.8 x 45mm Self-Drilling	12 x Screw B 10G x 4" Wood	6 x Screw C 1 3/4" x 8G Wood Screw		

ADDITIONAL ITEMS INCLUDED IN SELF CLOSING KITS



TOOLS REQUIRED



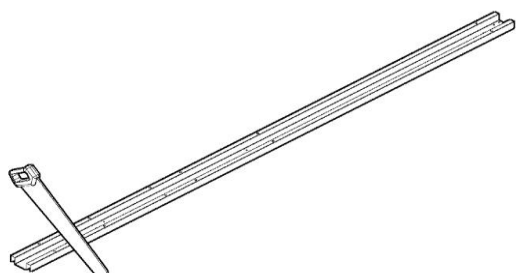
STEP BY STEP INSTRUCTIONS

FOR NON SELF CLOSING APPLICATIONS: Follow separate Pocket Door Pro fitting instructions first before skipping to step 11 in the below instructions.

FOR SELF CLOSING APPLICATIONS: Follow the below steps (starting from step 1) before referring to the separate Pocket Door Pro fitting instructions.

SELF CLOSE INSTRUCTIONS

Step 1: Reduce wheel trunking channel assembly to suit PDKPRO size if required.



Overall PDK PRO Kit Height

PDKPRO 1, 2 & 3 = 2049mm

PDKPRO 4, 6, 7 = 2108mm

PDKPRO10 = 2383mm

Step 2: Prepare the rough opening

How to Calculate the Opening Width Required

- Opening width in mm = (door width x 2) + 30mm (or 62mm if using with self-closing mechanism)
- Opening height in mm = door height + 70mm

Note: 70mm allows for door to floor clearance (7 - 20mm range) + top of door to bottom of track clearance (19 - 32mm range) + track height (31mm)

Finished Wall Thickness

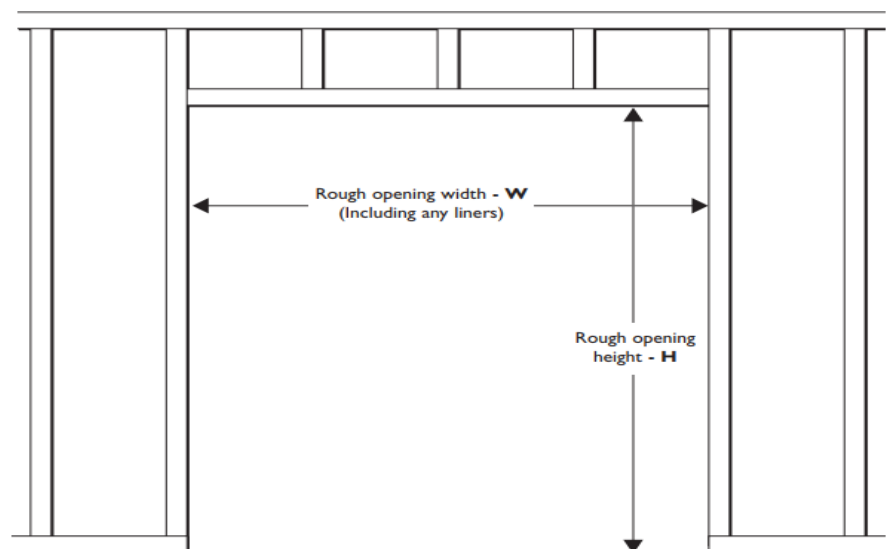
Finished wall thickness = cavity wall width + 12.5mm plasterboard either side e.g.

- 95mm cavity + (12.5mm x 2) = 120mm finished wall thickness
- 100mm + (12.5mm x 2) = 125mm finished wall thickness

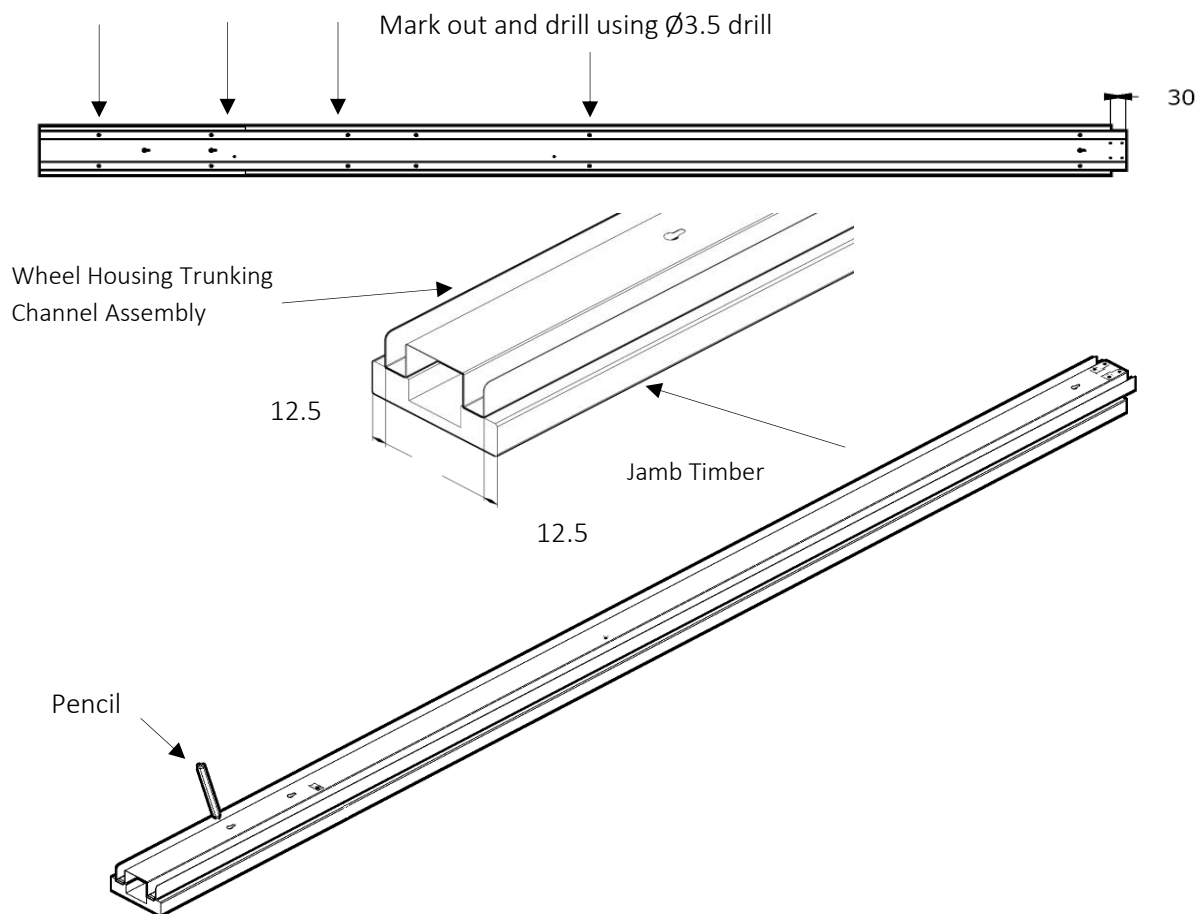
Finished Wall Thickness - Fire Doors

For fire installations, the system should be double boarded with fire rated board on both sides e.g.

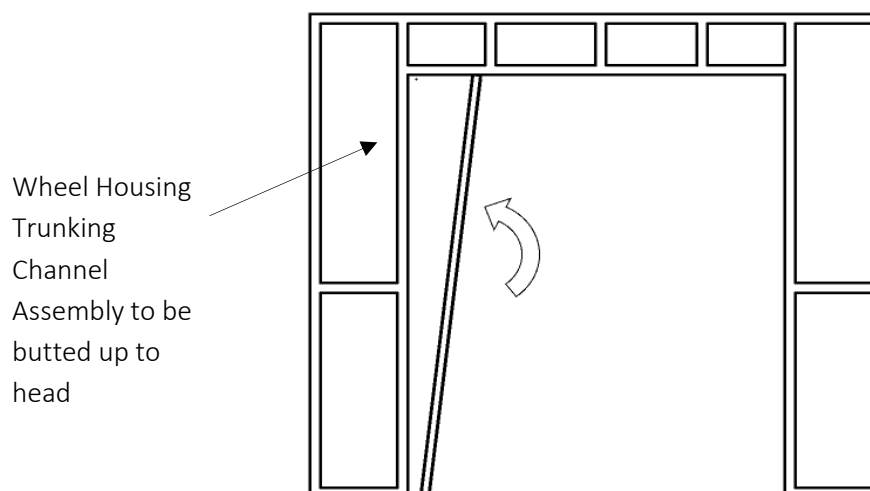
- 95mm cavity + (12.5mm x 4) = 145mm finished wall thickness
- 100mm cavity + (12.5mm x 4) = 150mm finished wall thickness



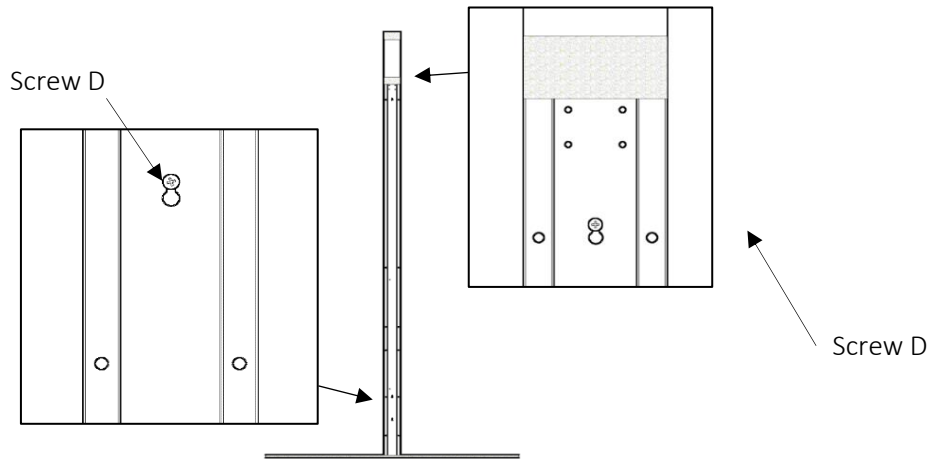
Step 3: Mark out screw points onto jamb side timber using wheel housing trunking channel assembly as template, then pre drill and countersink 10 holes only.



Step 4: Position wheel trunking channel assembly into opening.

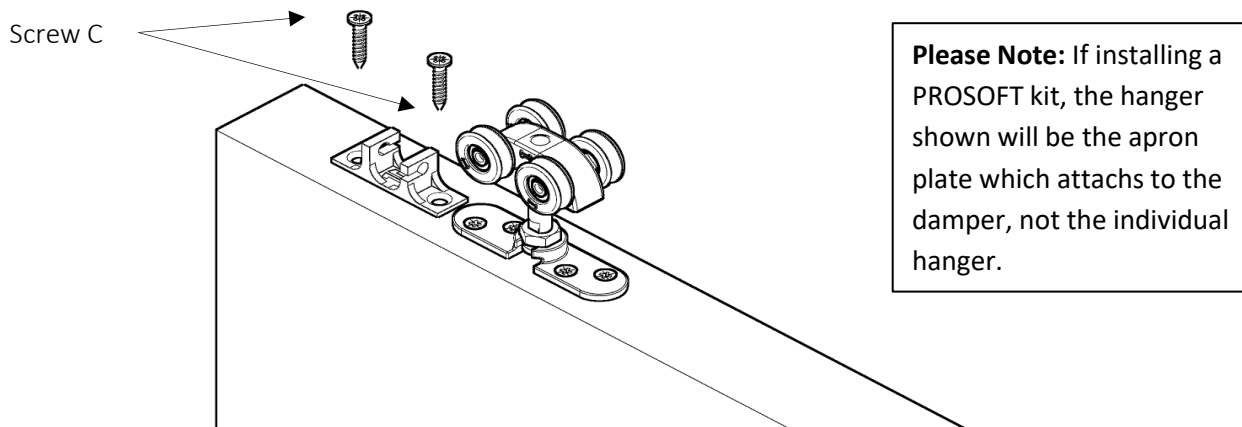


Step 5: Secure wheel housing trunking channel assembly to jamb upright using screw D.

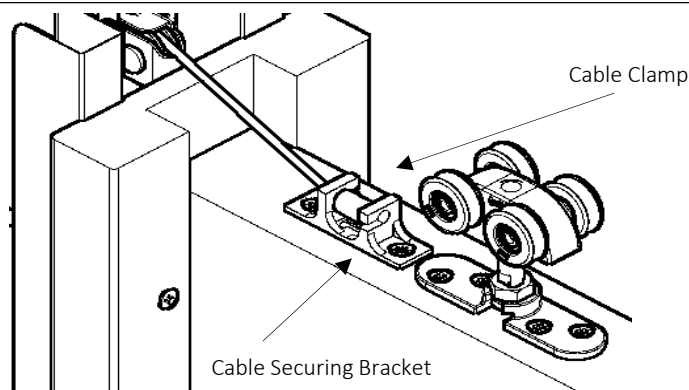


Step 6: Now refer back to the separate Pocket Door Pro fitting instructions and install the kit before moving onto step 7.

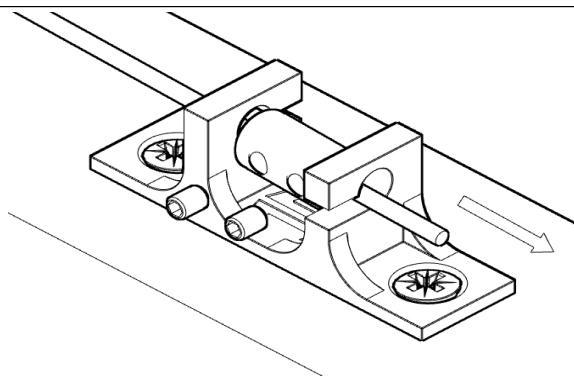
Step 7: Attach cable securing bracket to the top of door, butt up to apron plate and secure using screw C.



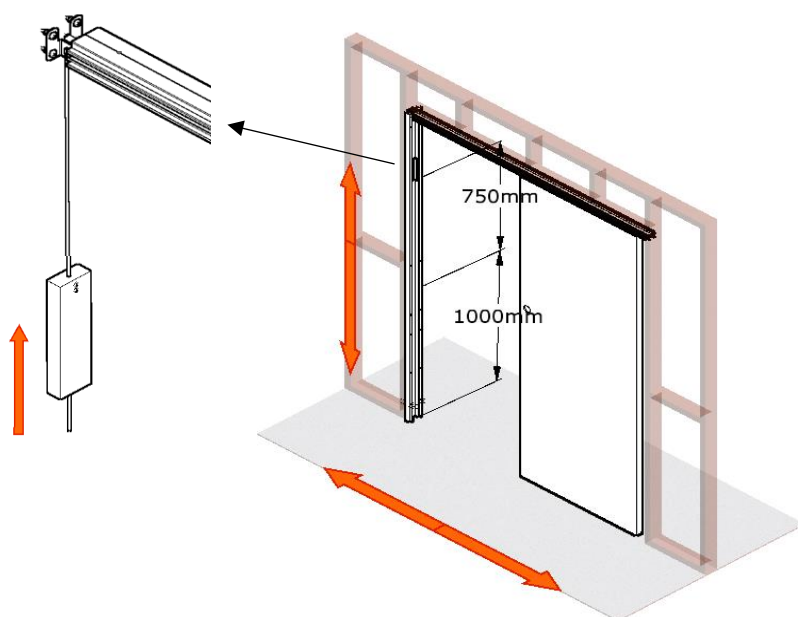
Step 8: Hook the cable clamp of the self-closing mechanism into top of door by inserting the cable clamp into the cable securing bracket.



Step 9: With door in fully closed position, loosen grub screws in the cable clamp and pull cable through the clamp to apply tension to the cable, adjusting length of the cable to suit the travel of door width.



Step 10: Set the door closing mechanism to suit requirements of speed.

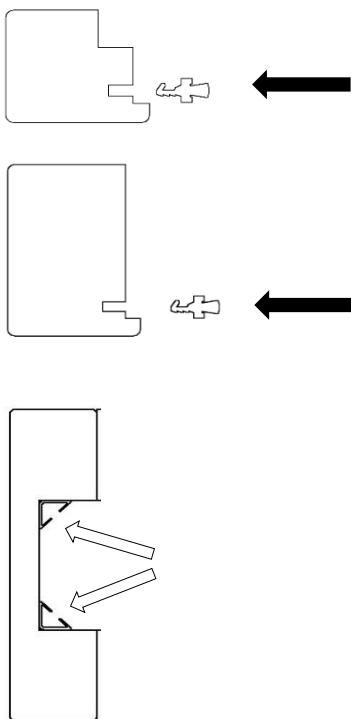


Set Door Speed

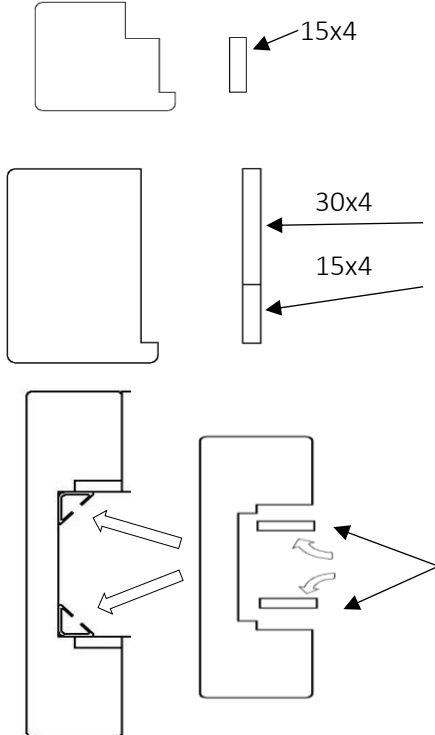
- 1) Move weight up and down in the 750 zone until the required closure and speed is achieved.
- 2) Higher for heavy doors/faster closing.
- 3) A soft close can be fitted to damp the final closing.
- 4) Once complete, the excess cable under the weight can be trimmed so it does not touch the inside cavity and create noise.

Step 11: For non-fire rated systems follow STEP12A; for FD30 systems follow STEP 12B and 12C

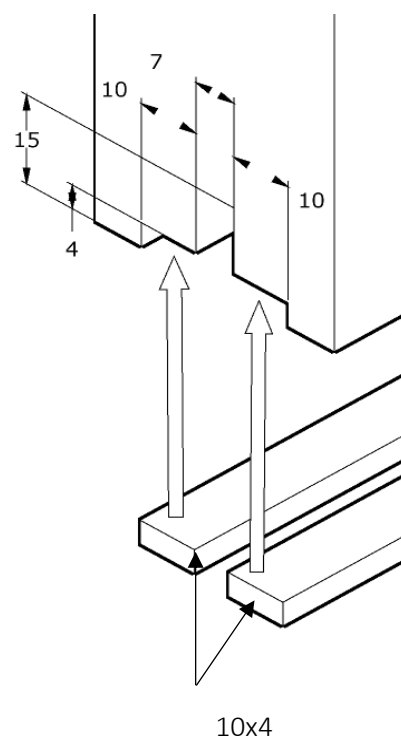
11A: Add brush strips & acoustic seal to non-fire rated liner kit



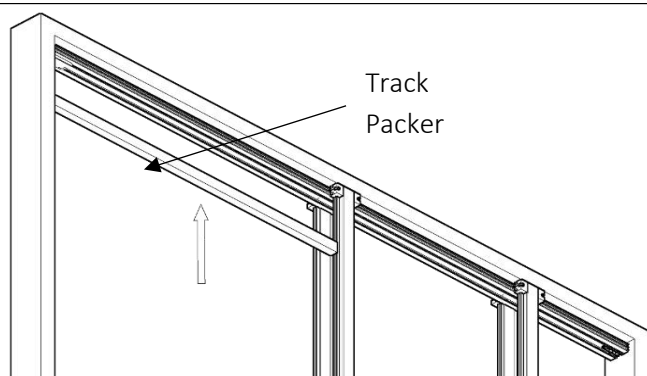
11B: Add intumescent strips and acoustic seal to fire rated liner kit



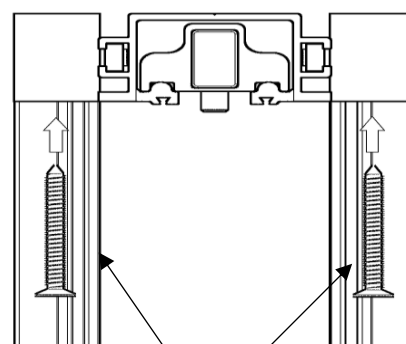
11C: Add intumescent strips to the base of the door



Step 12: Cut track packer to suit opening and secure with screw C (pilot drill & countersink if required)

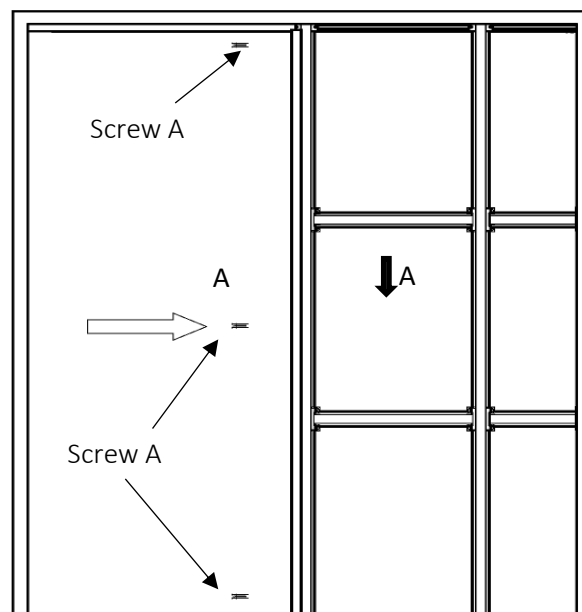
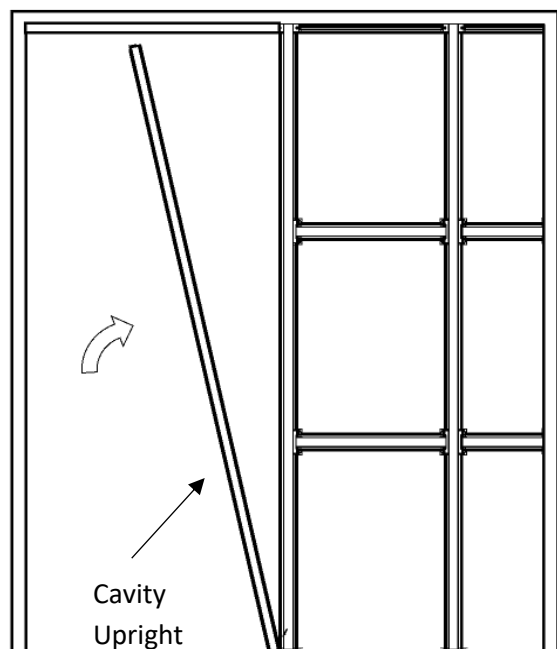


Track Packer Reduction Calculation
 $\text{Reduction} = \text{Door Width (DW)} - 12.5\text{mm}$



Screw C

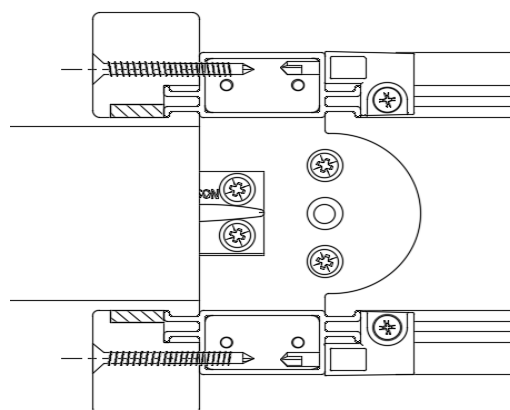
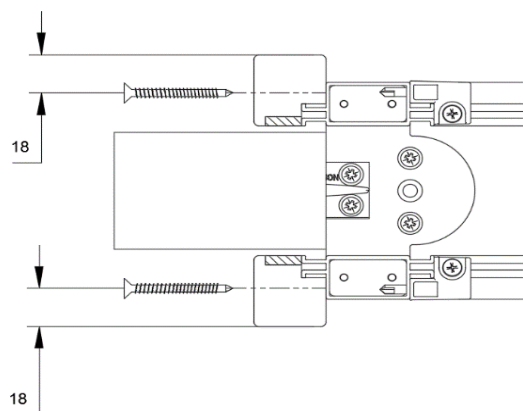
Step 13: Cut down cavity upright to suit opening and secure with screw A (pilot drill & countersink if required)



Cavity Upright Timber Reduction Calculation

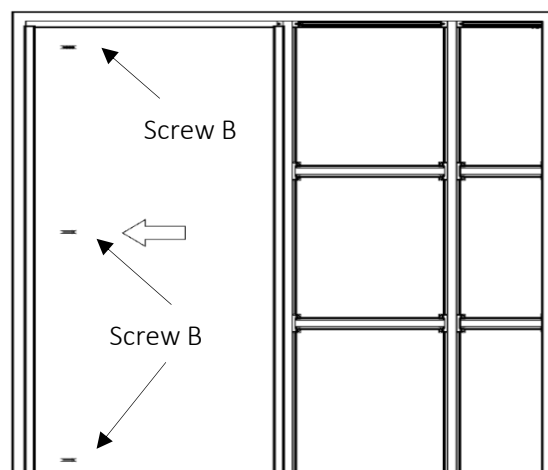
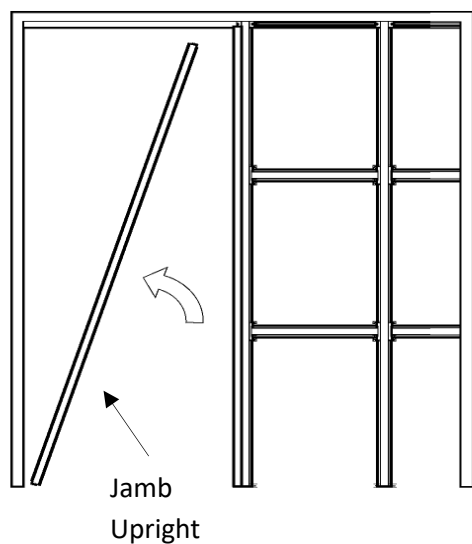
Reduction = Opening Height (OH) – 30mm

Section A-A – Screw Positions

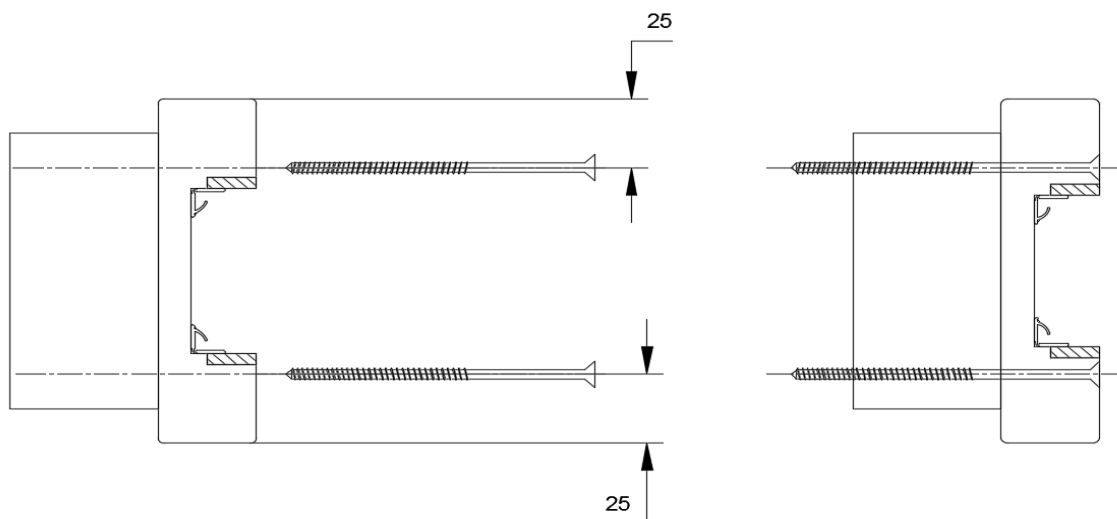


Step 14: For regular kits follow STEP14a, for self-closing systems follow STEP14b.

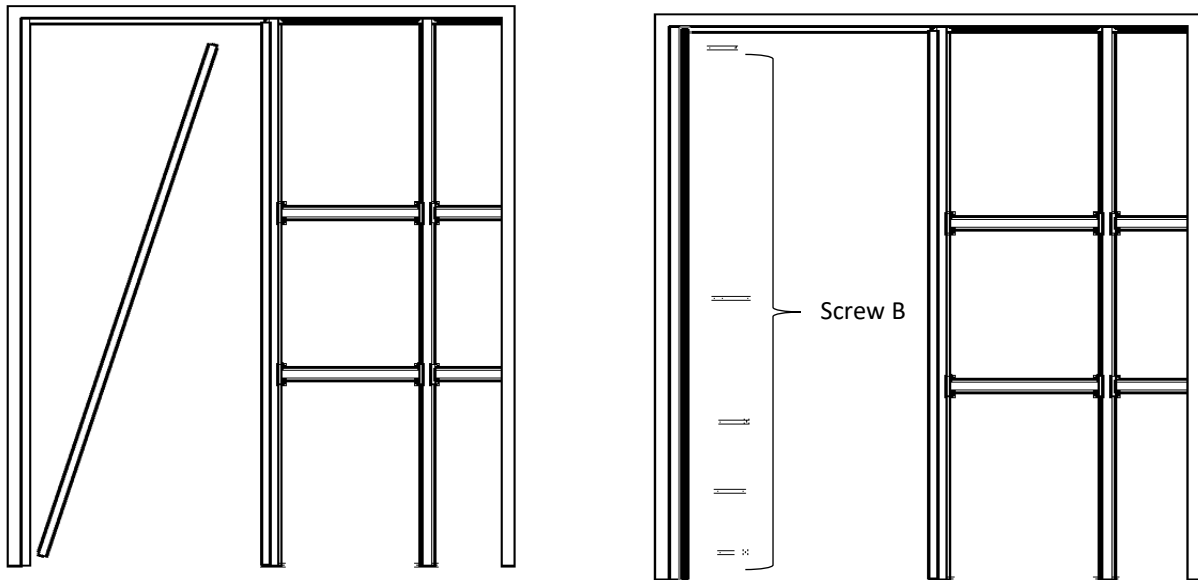
STEP 14a: Cut down jamb upright to suit opening and secure with screw B (pilot drill & countersink if required)



Section A-A – Screw Positions

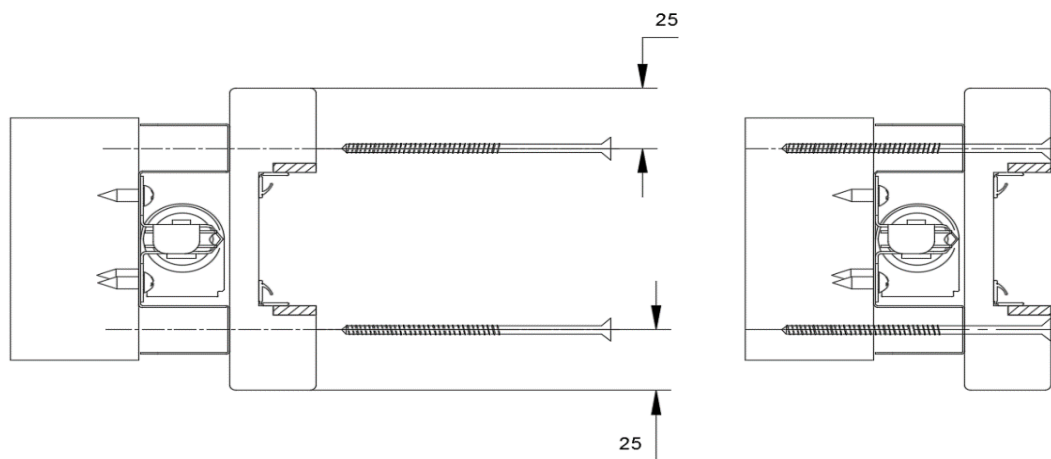


STEP 15b: For use of liner kit for self-closing mechanism; cut down jamb upright to suit opening and secure with Screw B (pilot drill & countersink if required)

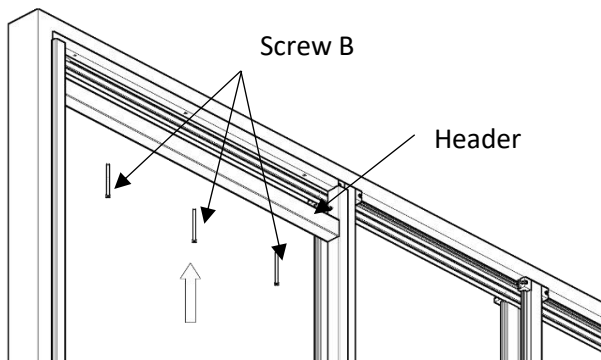


Jamb Timber Reduction Calculation

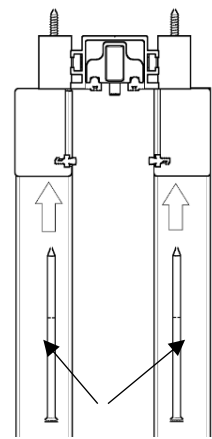
Reduction = Opening Height (OH) – 30mm



Step 16: Cut header into two pieces using the below calculation and secure with screw C (pilot drill & countersink if required).

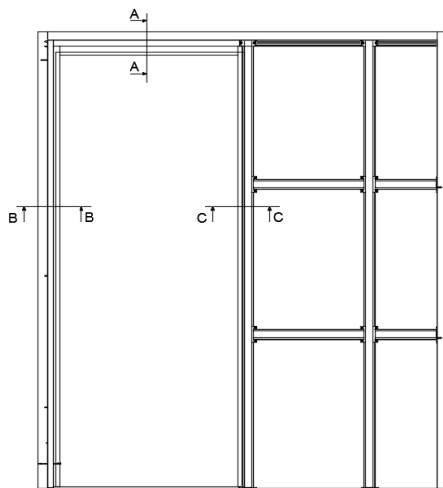


Header Timber Reduction Calculation
 = Door width (DW) – 50mm

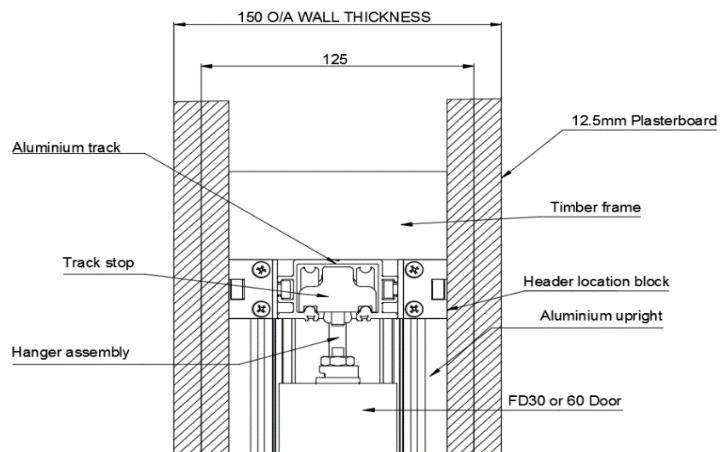


Screw B

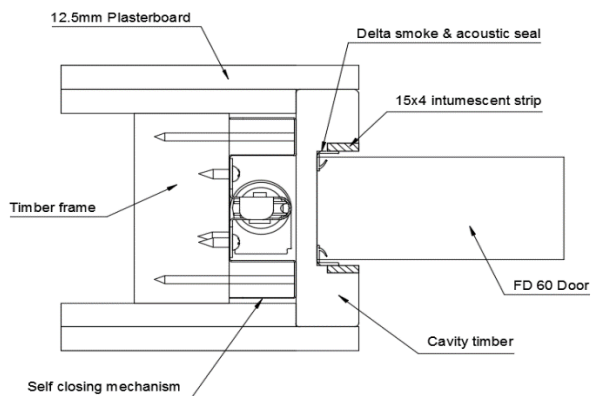
FIRE RATED VERSION: To ensure compliance with BS 476 Part 22 – PDKPRO should be double boarded with 12.5mm fire rated board. See page 3 of Pocket Door Pro fitting instructions for full equation.



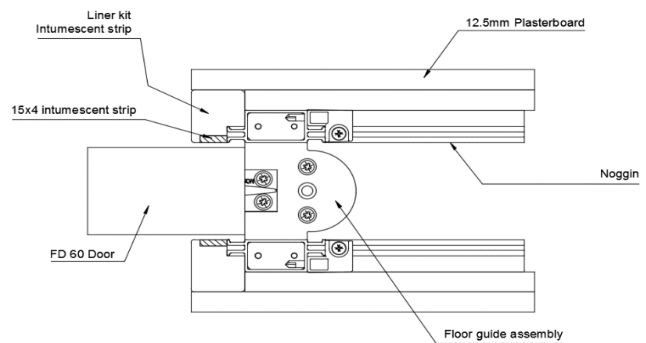
Section A



Section B



Section C



NOTES SPECIFIC TO ADDITION OF SELF-CLOSING MECHANISM

1. When installing a self-closing liner kit, ensure mechanism is adjusted to suit closing speed requirements (see separate instructions for details).
2. Should you require to change the door within a system, ensure the self-closing mechanism is re adjusted to suit new door.

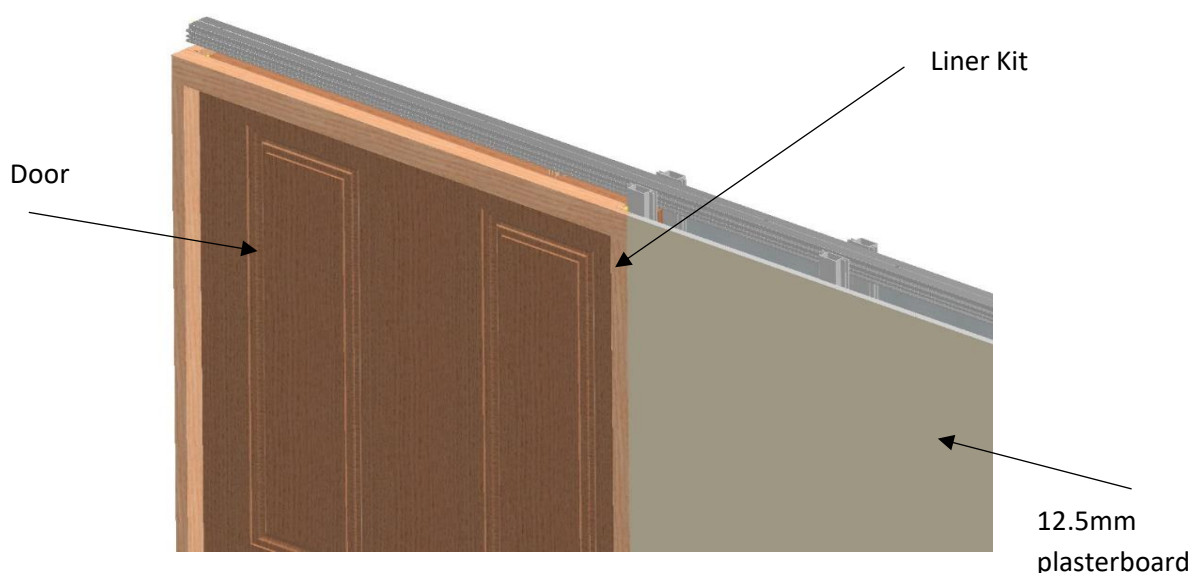
FINISHING TOUCHES

1. Finish off installation by adding provided screw caps to exposed screw heads.
2. Ensure plasterboard is butted up tight against the outside of all the jambs.
3. For fire installation applications, plasterboard requirement is double.

ARCHITRAVE FREE INSTALLATION - OPTIONAL

NON-FIRE RATED SYSTEM

Install the 12.5mm plasterboard in-line with the liner kit for a flush finish.



FIRE RATED SYSTEM

Install the first layer of 12.5mm fire board in line with the liner kit and the second layer on top of the first layer for a flush finish.

P C Henderson Ltd, Durham Road, Bowburn, Co. Durham, DH6 5NG, UK

UK Sales

t: +44 (0) 191 377 7345

e: sales@pchenderson.com

w: www.pchenderson.com

Export Sales

t: +44 (0) 191 377 7346

e: international@pchenderson.com

w: export.pchenderson.com

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