

**TOOLS**



A concealed automatic door bottom seal which is spring loaded to lift clear of the floor as soon as the door leaf is opened by a few millimetres. When door closes, pressure on adjustable block activates internal mechanism to push down scissor action seal. (FIG 2.)

**Location** Single and double butt hinged doors.

**Min./Max Gap** 3mm/13mm

**Standard Finish** Anodised Satin Clear or Bronze.

**Seal Material** PVC (grey)

Seal lengths	Max. Door Width with escutcheon plates (mortised)
1220mm will cut back to 1070mm	1222mm
1070mm will cut back to 915mm	1072mm
915mm will cut back to 820mm	920mm
820mm will cut back to 600mm	822mm
600mm will cut back to 380mm	602mm
380mm will cut back to 295mm	382mm

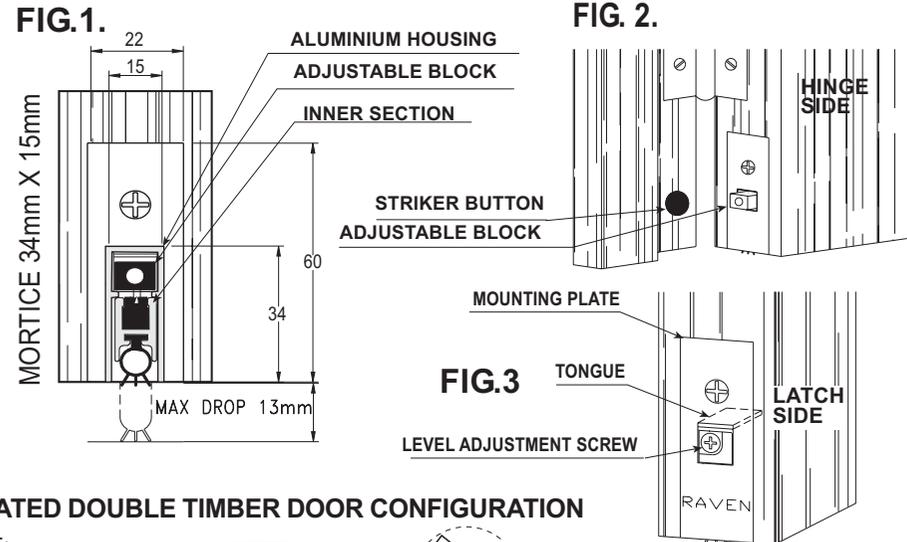
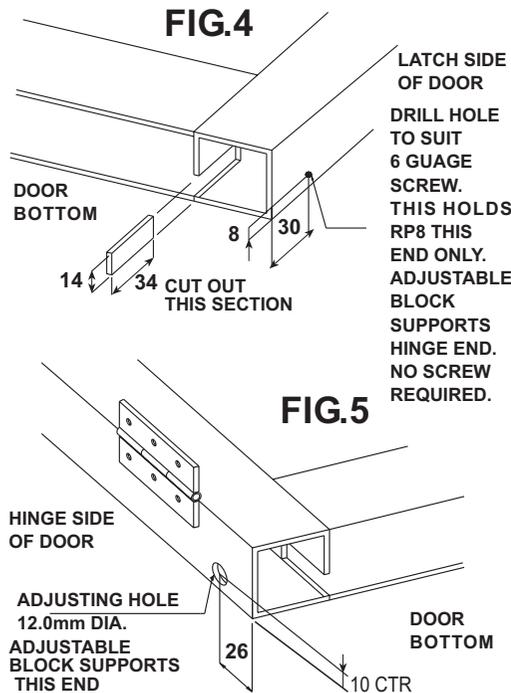
• When escutcheon plates are used the total length of the product is increased by 2mm.

**TIMBER DOOR INSTALLATION**

- (1) Remove door and machine mortise bottom of door 34mm X 15mm (FIG.1).
- (2) Measure door width.
- (3) Machine cut unit less 1mm for operating clearance if mounting plates are not rebated, less 3mm if rebated. Shorten inner section of seal 1mm more each end for free travel up and down.
- (4) Fit seal into groove with adjustable block on hinged side of door and secure mounting plate with screw provided, making sure tongue is firmly supporting seal housing. (FIG.2)
- (5) Fit second mounting plate on latch side. (FIG.3)
- (6) Re-hang door and position striker button where adjustable block meets door jamb. Close door and observe seal travel.
- (7) Adjust seal travel to make full contact with sill. To adjust seal travel pull out adjustable block to clear aluminium housing. Firmly holding metal threaded rod, turn adjustable block clockwise to reduce seal travel and anti-clockwise to increase seal travel. NB. To compress seal is not necessary since this will increase seal wear.
- (8) The seal is factory set to seal a door bottom that is parallel with the floor. To adjust, screw level adjustment screw located on latch side of door.

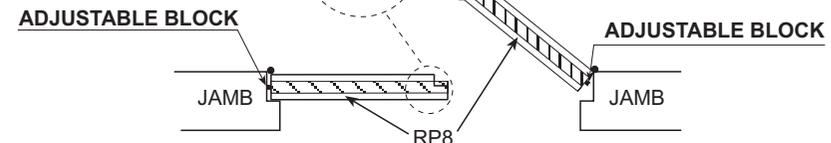
**CONCEALED INSTALLATION WITHIN HOLLOW BOTTOM RAIL OF BUTT HINGED ALUMINIUM**

- (1) Remove door - cut out metal in stiles, so that the seal mounts on inside face of bottom rail. Seal should be on face furthest from hinge pin. (FIG.4)
- (2) Drill holes in stiles; Lock side to suit 6 gauge x 12mm screw. (FIG.4) Hinge side 12.0mm dia. for adjustable block. (FIG.5)
- (3) Machine cut seal to exact length between inside faces of stiles. Shorten inner section of seal 1mm more each end to allow operating clearance.
- (4) Insert seal in bottom rail. Adjustable block will protrude through drilled hole. Push other end of seal into bottom rail. Screw in screw so shank of screw supports seal housing.
- (5) Adjust seal travel to make full contact with sill. To adjust seal travel pull out adjustable block to clear aluminium housing. Firmly holding metal threaded rod, turn adjustable block clockwise to reduce seal travel and anti-clockwise to increase seal travel. NB. To compress seal is not necessary since this will increase seal wear.
- (6) The seal is factory set to seal a door bottom that is parallel with the floor. To adjust, screw level adjustment screw located on latch side of door. The seal will need to be removed to make this adjustment.



**REBATED DOUBLE TIMBER DOOR CONFIGURATION**

**NOTE:** For thin doors RP8 is visible on one leaf only. Seal can be offset, door thickness permitting. Mortise through width of door bottom provides a check clearance at rebate for exposed end of RP8 on other leaf.



To secure RP8 seals at rebate side of door, drill RP8 aluminium housing 10-15mm in from exposed timber edge, use 1/2" x 6 gauge screw provided and fix. The moving section of the RP8 will need to be lifted to make fixing possible.