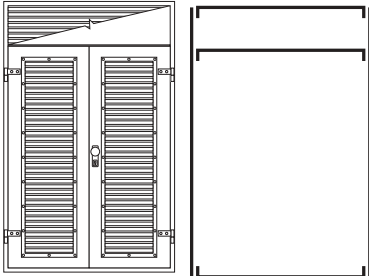
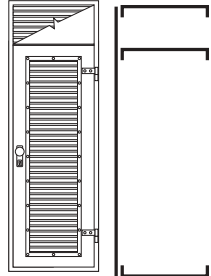


Instructions are for the following options:

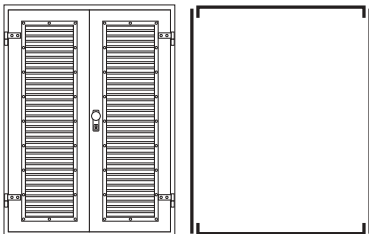
DOUBLE, PLAIN OR LOUVRED OVERPANEL



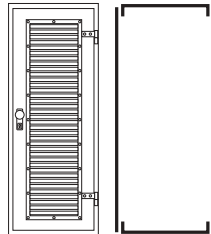
SINGLE, PLAIN OR LOUVRED OVERPANEL



DOUBLE, NO OVERPANEL



SINGLE, NO OVERPANEL



TOOLS AND ACCESSORIES REQUIRED FOR INSTALLATION



- Shims/packers (not supplied)
- Power drill
- 10 mm masonry drill bit
- 13 mm spanner
- Measuring tape
- Plumb line
- Spirit level

Please follow all the instructions carefully.

They have been designed for installation to be completed quickly at the first attempt.

ID number: _____

Please check that ID numbers on frame and door are the same as above.

SINGLE DOOR

Plain/Louvred Overpanel

Without Overpanel

DOUBLE DOOR

Plain/Louvred Overpanel

Without Overpanel

Sleeve anchors: x M8 x 80 mm length

Large washers

2-point locking system (attached)

Briton panic bar (attached)

Other: _____

Quality Check:

Prepared by: _____

Checked by: _____

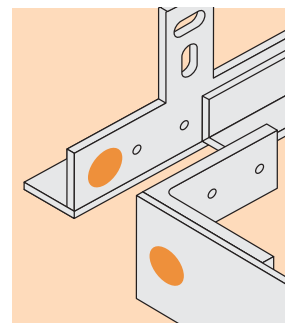
HANDLING

VentaDoor® door sets are supplied with the frame unassembled which means that the door set can be manually unloaded and handled.

- Take particular care not to damage hinges.
- Do not store in exposed places for long periods and protect from weather.
- Protect door sets from mud, stray mortar and debris.

IDENTIFY THE FRAME PARTS

VentaDoor® door set components are marked with a unique number for identification. This can be found on the top edge of the door and on the anchorage cleat of each jamb. Some parts are colour coded for easy assembly (right).



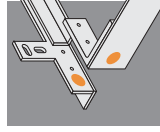
VentaDoor® Assembly instructions for all VentaDoor® options

- Double with plain or louvred overpanel
- Single with plain or louvred overpanel
- Double with no overpanel
- Single with no overpanel

ORDER OF ASSEMBLY

- 1 Assembling the frame
 - 2 Fixing the frame into the structural opening
 - 3 Fitting overpanels (if supplied)
 - 4 Hanging the doors
 - 5 Adjusting the push bar
- Assemble the frame on a flat surface using supporting blocks to prevent damage to the hinges during assembly.

Identify each piece and lay out on the floor matching up the coloured identification stickers ready for assembly.



ASSEMBLING THE FRAME

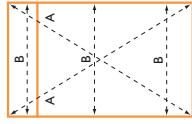
Match coloured identification stickers and tightly secure each horizontal part to the verticals using the hexagonal headed screws and washers supplied. Do not over-tighten the screws.



2 FIXING THE FRAME INTO THE STRUCTURAL OPENING

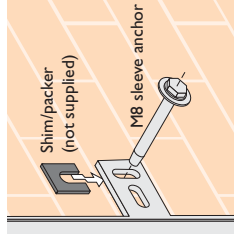
Lift frame into the structural opening and support, packing out with shims/packers where necessary.

When in position check that the threshold is level and that one side and the front is plumb. Then check diagonal dimensions are equal (right, A), and that the distances between the vertical frame parts are equal (right, B).



The frame must be square and level before bolting into place

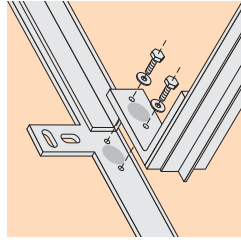
Drill through an appropriate hole in each fixing lug using a 10 mm masonry drill bit, avoiding mortar lines, to a minimum depth of 85 mm.



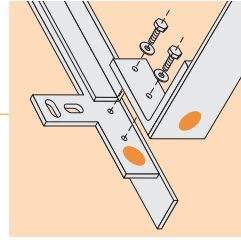
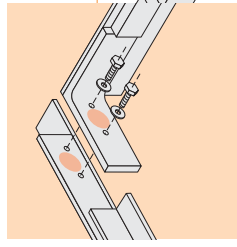
Fix frame into place with M8 sleeve anchors and large washers, supplied, using shims/packers where necessary.

2 Fixing frame to structural opening

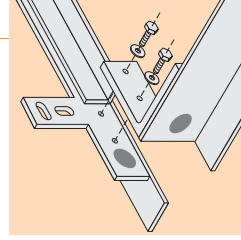
1b Transom (for supporting overpanel, if supplied)



1c Threshold



1a (i) Frame head (when fitting overpanel)

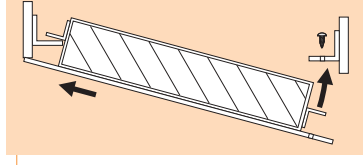


1a (ii) Frame head (when no overpanel is supplied)

3 FITTING OVERPANELS

3a. Louvred Overpanels

Slot the top of the overpanel into place and fix the sides and bottom into place using supplied screws.



3b. Plain Overpanels

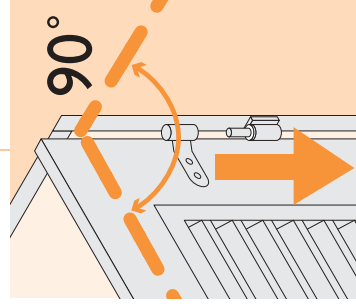
Slide the spring clips over each screw hole. Push overpanel into place and fix using supplied screws.



4 HANGING THE DOORS

The bottom hinge pin is longer than the top allowing easy alignment and location.

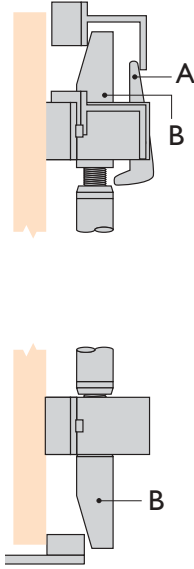
Place the door at 90° to the frame, align the hinges and drop into position.



5 ADJUSTING THE OPERATION OF THE PUSH BAR PANIC BOLT

1) Pull the door closed and check:

- that the top catch (A) releases against the keeper plate;
- that both top and bottom shoots (B) have adequate overlap.

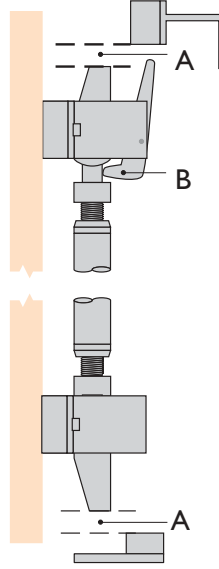


2) Depress the push bar and open the door ensuring:

- that both shoots fully withdraw (A) with adequate clearance;
- the top catch (B) engages and retains the shoot in the withdrawn position.

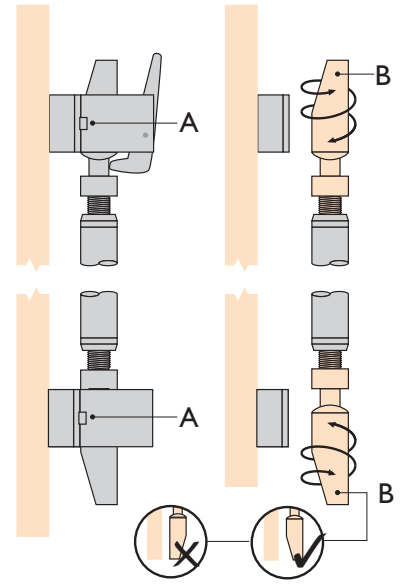
Correct operation of the push bar mechanism is ensured.

See next stage for adjustment.



3) To adjust:

- remove the retaining screws (A);
- remove the shooter component (B)
- rotate to shorten or lengthen as required. Full rotations must always be made ensuring that the angled side of the shooter faces the door.



ADVICE LINE

Telephone **01233 639039** and ask for Installation Help.

CALLOUT SERVICE

Sunray Engineering Ltd will send an installation engineer to your site to inspect and, if possible, rectify specific problems.

However, this service is chargeable unless Sunray Engineering are proven to be liable (please call for rate).



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