ASPECT



Installation Guide

Issue 4

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If in doubt at any stage

Please contact our Customer Care Team for additional support or advice

0333 321 2353

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1. Installation

NB; Before proceeding it is advisable to check that your new aspect door is the correct size to fit the intended aperture.

1.0



Before installing the Aspect door, the structural opening should be cleared of all dust and debris, and a check made to ensure the D.P.C. is in position and is undamaged.

1.1



All Aspect panoramic doors shall be installed plumb and square without twist.

Measure and cut the base cill to size.

Glue the cill end caps on to the cill.

1.2



Offer the base cill into the opening, check the cill is level across its overall length (maximum deviation is 3mm).

1.3



Apply a generous bead of silicone across the bottom of the aperture to sit the base cill on and fix the cill to the aperture ensuring that it is level. Also seal across the cill below the door jambs to prevent water tracking across the cill.

1.4



Fix the traffic door handle & lock cylinder to the door.

1.5



Carefully lift the door into position.

1.6



Once in the correct position and the door is plumb and square without twist, you can begin fixing the door into the opening, using appropriate fixings (not supplied). When fixing down to the cill, ensure that screws are sealed to prevent water ingress. Also seal across the cill below the door jambs to prevent water tracking across the cill.

1.7



Fixing distances: corner fixings shall be a minimum of 150mm and a maximum of 250mm from the corner. Intermediate fixings shall be at centres no greater than 600mm.

Fixings in the jambs should be fitted through the centre line of the euro groove. The suitable fixings for this installation are available from all Eurocell building plastics depots.

1.8



The fixings in the head and cill should sit as flush as possible to enable the rollers to easily pass over the fixings but it is important that these are not over tightened as this will distort the aluminium track and prevent the door from operating correctly.

Further details on fixings can be found at the end of these instructions.

1.9



Check that the sashes operate correctly before the glazing begins.

Carefully remove the beads from the first sash noting the position of each and fit EWS7203 glazing platforms.

1.10



Fit the glass and pack appropriately. All sashes must be toed and heeled to ensure an equal and parallel sight line between the head of the sashes and the outerframe. When the glass is fully packed out, re-bead placing the beads in their original locations.

Repeat the above steps until all sashes are glazed.

1.11



Ensure the top & bottom roller cases are free from debris or obstacles which may impair the function of the product.

We recommend that silicone spray is used to speed up the ‘bedding in’ period of the rollers, ensuring a smooth effortless action, spray both the head & the cill aluminium channels.

1.12





Hinge adjustment is achieved by loosening off the 2 screws on each leaf and then sliding the adjuster peg to suit, once the lateral adjustment has been made please ensure to carefully tighten the screws. (5mm lateral & 2mm height adjustment available per hinge).

1.13



Roller hinge adjustments can be made. For further details refer to hinge adjustment details on the following page.

1.14



Traffic door keep adjustment is achieved by using the screws, which simply need to be loosened, in order to give inward and outward adjustment. Once the keep is in the correct position carefully retighten the screws.

Once the door is operating correctly, fix the remaining screws to the hinges and rollers.

1.15



The trims can be cut to size and fitted (EWS172 & 173).

1.16

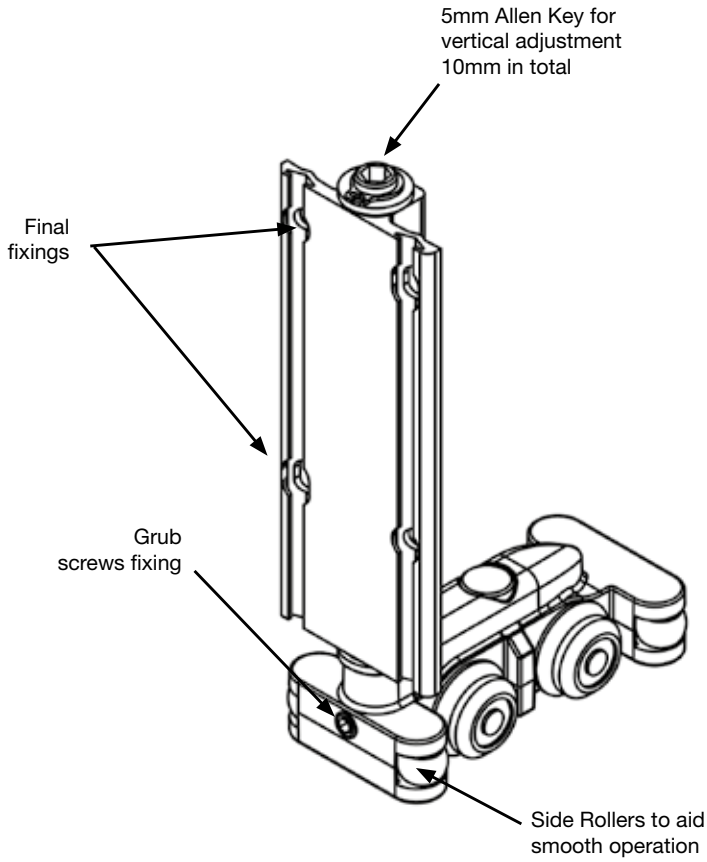


Hinge cover caps can now be fitted.

The door can now be fully sealed with silicone and cleaned.

All grub screws must be correctly located and fully tightened to ensure the steel pins cannot be forced out.

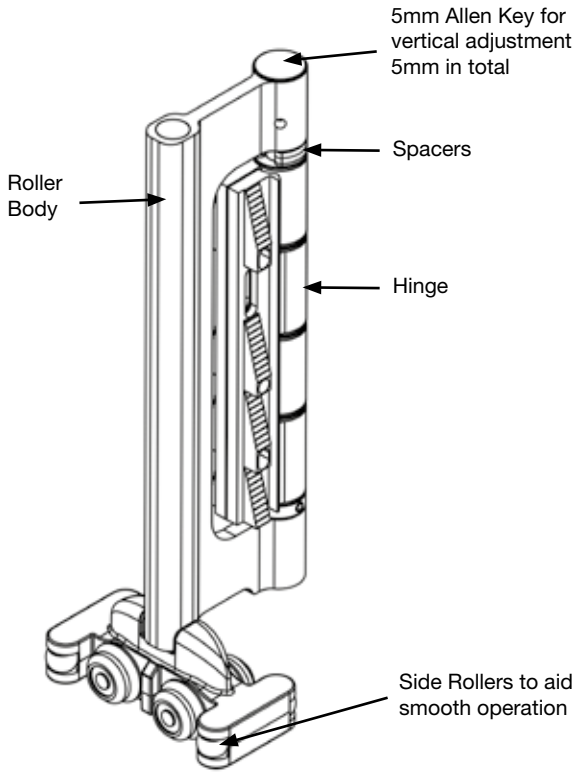
SINGLE LEAF ROLLER ADJUSTMENT



The single leaf roller is screwed directly in to the door sash euro-groove (top & bottom rollers) the rollers themselves have 10mm of adjustment (+&- 5mm).

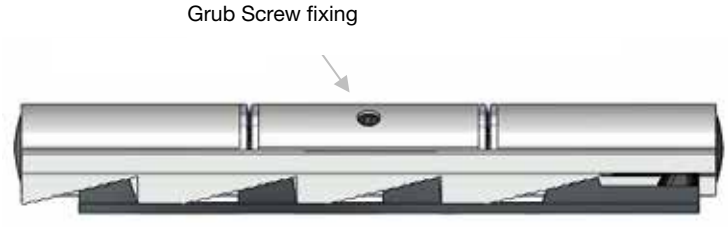
To adjust the rollers first you need to loosen the grub screw, then using a 5mm Allen key, you can make the adjustment you need, and then tighten the grub screw. Please note the fixing plate should only have the screws fitted in the slots, screws are then fitted in to the remaining 2 holes once the door has been fitted and adjusted on site, to ensure everything is locked and secure, then the foam sealing pad can be applied.

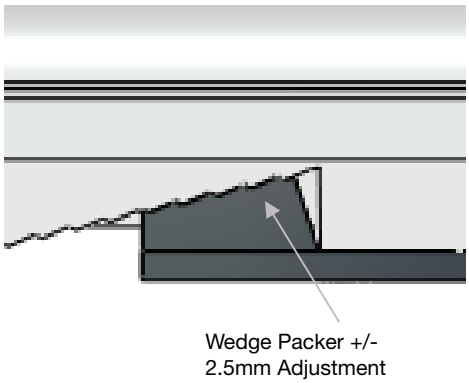
DOUBLE LEAF ROLLER ADJUSTMENT



The double leaf roller incorporates a hinge which fixes the roller to the door sashes (top & bottom rollers) the rollers themselves have 10mm of adjustment (+ & - 5mm).

To adjust the rollers first you need to use a 5mm Allen key, to make the adjustment you need. Please note the hinge should only have the screws fitted in the slots, screws are then fitted in to the remaining two holes once the door has been fitted and adjusted on site, to ensure everything is locked and secure.



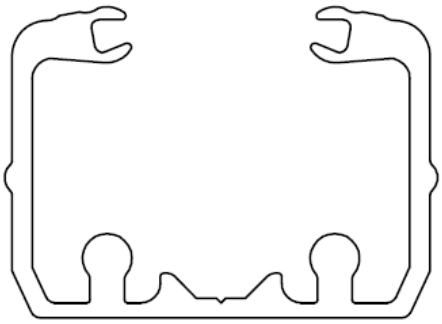


The door can be fully built up and delivered to site. Or the outerframe and sashes can be separated by removing the stainless steel pin from the hinges, allowing easier logistics meaning the door can be built up on site. This can be beneficial for properties with limited access.

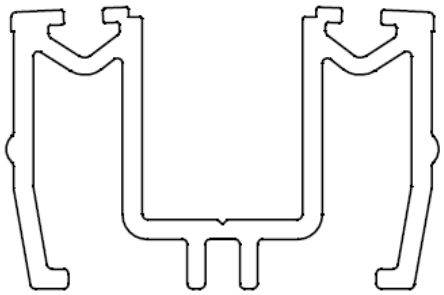
Please note: All Grub Screws must be correctly located and fully tightened to ensure the steel pin cannot be knocked out.

FRAME FIXING POSITIONS

Anodised aluminium extrusions

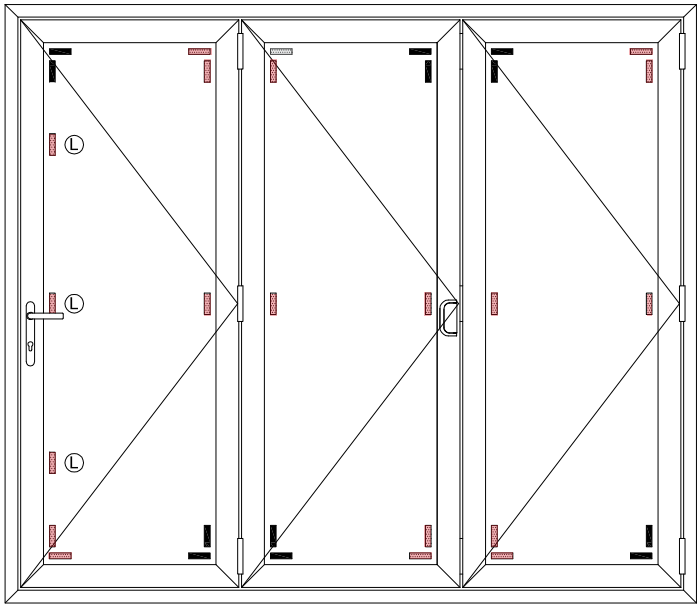


EWS7581A
Roller track



EWS7572A
Outerframe Insert

GLAZING / TOE & HEELING



Loadbearing packer, toe and heal accordingly.

Packers positioned to eliminate glass movement and provide additional rigidity for security. These are to be placed as illustrated and also adjacent to hook/deadbolt positions (L). All packers must be siliconed into position to prevent movement whilst door is in operation.



Please contact our Customer Care Team for additional support or advice:

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