

# COUNTER BALANCED DOUBLE-HUNG WINDOW OPERATION



## AA SERIES



FIGURE 1



FIGURE 2

### Opening Counter Balanced Double-Hung Windows

To open the window, merely insert the key into the lock (Fig. 1), then turn in a clockwise direction. This action releases the lock, whilst the key & mechanism are ejected out of the lock body (see Fig 2.). Both top & bottom panes are linked together, so operating the clear handle(s) will move these simultaneously.

For secure ventilation, the lock can also be engaged with the sliding sashes slightly open. This is set around 10cm from the fully closed position (see Fig. 3). To find the exact spot, you may need to move the sashes to the approximate position, then push the lock closed whilst slightly moving the handle up & down. The lock will 'click' secured when it properly engages.



FIGURE 3

FIGURE 4

### Flyscreens for Counter Balanced Double-Hung Windows

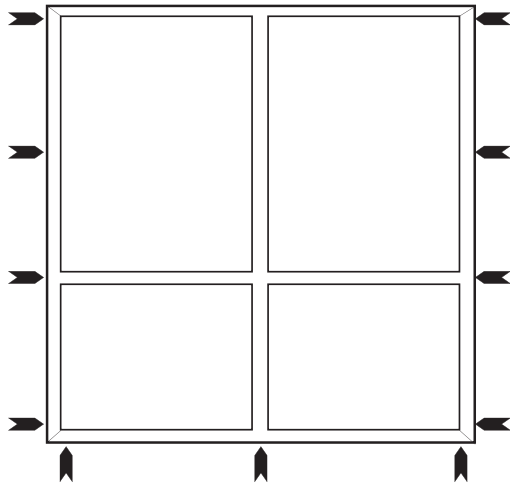
Flyscreens fit to the outside of these windows. They fit neatly into top & bottom channels, which utilise springs to secure them in place. To remove the screen, lift upwards with the black tab (see Fig. 4). This will allow the bottom of the screen to be withdrawn, then the top can also be lowered out of its channel. To install, orient the screen with the tab to the bottom, insert the opposite end into the top channel then lift the screen up & into its finished position



# ATTENTION INSTALLER !!

- 1 Ensure that openings into which windows & doors are to be fitted have adequate clearance to the perimeter of the frames
- 2 Fit flashings where required in accordance with relevant Standards & Codes
- 3 Install frames square & plumb, with all sashes in their closed position
- 4 Allow a minimum of 10mm head clearance between frame trimmer / lintel, & window or door frame (except for Bifold, which needs minimum 30mm clearance)

\*Under NO circumstance should building loads be carried by the non-load bearing window or door assemblies / fittings.



- 5 Pack & fix windows & doors at the points illustrated in the above diagram. Where reveals are fitted, the pre-drilling of these is recommended to prevent the splitting of the timber

\*Additional fixings may be required in high wind-load areas

- 6 Allow a minimum of 10mm clearance between product sills & any sill bricks
- 7 The entire length of the sill should be supported on all door products
- 8 Ensure that sill drainage holes are NOT covered by external claddings or coatings

# ON SITE CARE

On site, products should be stored in a clean, dry area away from cement, lime, paint etc prior to installation. Once installed, all products should be protected from fallout such as wet plaster, mortar, render, paint, grinding & welding spatter. An effective method is to cover the face of your product(s) with clear plastic, or have an approved coating applied. If strippable coatings or pressure sensitive tapes are used to protect exposed surfaces, care should be taken NOT to damage the finish during their removal. Prolonged exposure to sunlight can make them increasingly difficult to remove. Should substances such as wet plaster, mortar or render fall onto the product, the substances should be removed immediately & the soiled area washed down with clean water.

A primer or sealer should be applied to internal timbers to preserve exposed surfaces during construction.

Door tracks & sills should be protected to avoid damage from planks, scaffolding, barrows etc.

Contact your Rylock Sales Office on the number below for further recommendations on protective coatings.

# MAINTENANCE

## ALUMINIUM FRAMES

The external face of window & door frames should be washed with a mild detergent & clean water to remove deposits. If the product is exposed to salt air or industrial pollutants, it should be washed every 3 months. Keep tracks free from dirt & grit to avoid premature wear. Ensure drainage slots are kept clear to maximise drainage performance.

## GLASS

To clean, flood the surface with a spray on solution, or with a cloth saturated with the cleaning solution. Scrub the wetted area with a clean, lint-free towel or cloth. Wipe dry with a clean, lint-free towel or cloth.

## TIMBER

The internal surface finish should be kept clean, & refinishing of the timber should be undertaken when coatings either break down or wear away.

## HARDWARE

Keep locks, hinges & wheels / rollers clean. Regularly lubricate with silicone spray to ensure optimum performance. Note that cleaning & lubrication of hardware should be performed monthly in coastal areas.

## STAINLESS STEEL FLYSCREENS

Stainless steel fly-screen mesh needs to be cleaned regularly with warm soapy water & a soft cloth, to remove build-up of salt & dirt, which increases the potential for tea-staining (on stainless mesh). This needs to be undertaken yearly at minimum, with cleaning required monthly for buildings in close proximity to the ocean.

## ADJUSTMENTS

All products should be adjusted as required to maintain correct performance. Instructions on reverse page.

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