



A Guidance on Selection of Hardware

GENERAL

Considering the range of profile systems, the degree of security demanded and possible weather performance requirements, it is not intended to advise on selection of either the style or type of hardware. However, in the absence of any alternative performance requirements, selection should take into account the recommendations contained in the appropriate Trade Standard.

MATERIAL

Where windows/doors are to be fitted in coastal areas or heavily polluted regions of the country, it must be expected that a higher risk of corrosion exists. Selection must take this factor into account. We will be pleased to advise on the choice of materials and finishes for these applications.

SIZE AND WEIGHT

Window/door sizes must be within the Applications Limits and selection must be made in accordance with the recommendations down by the hardware manufacturer, copies of which are available from FERCO.

A Guidance on Mounting of Hardware

MOUNTING

We will be pleased to give recommendations for mounting and adjustment of hardware. When purpose designed jigs are available, we strongly recommend use of these in order to save time and reduce the chance of inconsistencies. Hardware with provision for adjustment must be accessible after the window/door is installed.

FIXINGS

In general, screws are recommended and used; in certain applications purpose designed screws are required. Incorrect head form or thread type can cause premature failure of the hardware. Only fixings recommended by either the hardware supplier or the screw manufacturer should be used. Care should be taken to minimize the risk of corrosion arising from electrolyte reaction.

A Guidance on Hardware Maintenance

GENERAL

Regular maintenance of mechanical components will reduce wear and tear and prolong the serviceable life.

These recommendations assume that the window/door has been made and installed to a standard not less than that set out in the appropriate standard/code of practice and that all operations function correctly.

ADJUSTMENT

In order to maintain correct cavity dimension of weatherseal compression, adjustment is provided within most hardware available. Twice yearly - Spring and autumn recommended.

METHOD

Handle and other items which are visible from inside or outside when the sash is closed, should be cleaned with a mild solution of warm soapy water, applied with a soft cloth. Dry thoroughly afterwards.

Parts exposed when the window/door is open, including strikers, should be wiped down to remove all residues of old lubricant and grime. Sealing cams and strikers should be given a minute smear of petroleum jelly. Sliding bars and face plate of drive gear should have silicone maintenance spray applied.

CAUTION

Care must be taken not to damage the surfaces of hardware. Abrasive cleaning agent and lubricants containing corrosive substances must be avoided.