

1. Product information and appropriate application

- Window hardware to unlock, open, close and lock single or double doors, especially lock-cylinder-door handle combinations.
- Closing of the door can also be defined as keeping the door closed in such way it can not open by pushing or pulling. In most cases this is achieved by the latch bolt of the lock. To open the door you simply operate the door handle so that the latch bolt is retracted.
- Locking of the door by means of 1 or more pivoting dead bolts. The dead bolts are cylinder operated. All hardware elements are used in combination with the appropriate keeps or wedges which are mounted on the frame section.
- The gear is intended for doors installed in a vertical plane.
- Special hardware is required for doors with high security against burglary.
- When closing the door it may be necessary to overcome the resistance of a sealing gasket. Other forms of resistance or obstruction cannot be considered as normal use.
- Open doors have only a screening purpose and do not comply with the requirements of wind tightness, water tightness, sound proofing, thermal insulation and high security against burglary.
- The glass should be glazed in accordance with national standards and the general rules of professional skill.

2. Inappropriate application

- Sobinco cannot be held responsible for the malfunctioning of the door systems if any non-Sobinco parts are used.
- All parts must be assembled in accordance with the instructions as described in the technical specifications.
- Under no circumstances is it permissible to drill through the lock, for example to make the fixing holes for the door handles.
- The square spindle of the door handle must not be forced into the lock.
- The door should never be carried by the door handles when mounting into the frame.
- The operating gear should not be tampered with as it may affect the satisfactory operation of the door. In addition obstructions placed within the door opening, which may damage the door, are not permissible.
- Incorrect application can also be defined as any gear modification which causes negative consequences or changes to the installation, the working and the functional character of the door system.
- No additional lever systems or other tools should be used to operate the door.
- The door handle, cylinder and lock should be operated with normal force. If an excessive operating force appears to be necessary, this could result in damage to the system. In this situation a window expert should be contacted to check for any causes that might be effecting the normal operation.

SPECIAL TECHNICAL SPECIFICATIONS

- Double doors should not be opened by the slave leaf to prevent damage to the lock.
- The door should not be closed with the dead bolts in the locked position.
- Additional or excessive forces on the door must be avoided.
- Doors should be closed and locked in the event of strong winds and drafts.
- The door handle should always be used to close a door. Injury to hands may occur if the door is gripped to close it.
- The inside gap should remain constant when the hinges are adjusted vertically or horizontally.
- The window hardware is made of corrosion resistant materials, but fittings should not be installed in corrosive atmospheres.
- The surface treatment of vent and frame of aluminium windows must take place before fitting of the gear, as this will affect the working of the fittings. Gear parts must not be treated when treating the vent and frame of timber windows. They must be protected during surface treatment.
- Small joint sealant used on mitres joints should be non corrosive to prevent possible damage to gear components.

3. Checking and maintenance of the product

- All safety aspects of the gear, more specific fixings of lock, lock keeps, door handles and hinges, should be checked regularly.
- All gear adjustments, especially of the hinges and keeps, the replacement of parts and installation and removing of the vents should be executed by a window expert.
- Maintenance should be carried out at suitable intervals relative to the amount of use and environmental conditions. See the following instructions:
 - Check the satisfactory operation of the components.
 - It is not necessary to lubricate the door systems.
 - Lock and cylinder are greased during manufacture and therefore no additional lubrication is necessary, unless indicated.
 - When necessary any dust and dirt must be removed from the components as this could affect the smooth operation of the system.
 - The system must not be cleaned with water and/or other cleaning products as this could affect the lubricants and the corrosion resistance of the gear.