



**KIRNCROFT**  
SECURITY DOORS



**CAUTION - READ FIRST:** Failure to follow these installation instructions may result in injury. Care should be taken when handling the door, please ensure that the correct number of people are available during fitting and handling. It is the responsibility of the installer to ensure that hardware is fitted correctly. If painting the door, the hardware must be removed or masked. **Please note that failure to follow these instructions will invalidate the warranty.**

## 10-Point Locking Door - Installation instructions

1. Stand the door up vertically and open the door. Remove the plastic packers from on top of the door and the threshold. Fit the hardware as detailed below (fig.1):
  - I. Place the plastic trim (a) over the internal handle plate (b). Insert the handle bar (c) into the handle.
  - II. Line up the handle with the handle bar hole on the door. If you require the privacy latch to be operational, insert the actuator (d) into the door. Otherwise, fold the actuator up against the inside of the handle plate.
  - III. Insert the cylinder (e) through the hole in the handle plate so that it protrudes through the external side of the door.
  - IV. Turn the thumb turn or key to engage the lock to the first locking stage and then lightly tighten the cylinder screw (f).
  - V. Place the plastic trim (g) over the external handle plate (h) and place the handle plate over the cylinder, locating the handle bar into the handle.
  - VI. Fix the handles to the door using the handle screws (i) so that they are tightened evenly, the handle plate sits flat on the door surface and all hardware is aligned correctly.
  - VII. Tighten the the cylinder screw (f) being careful not to over tighten.

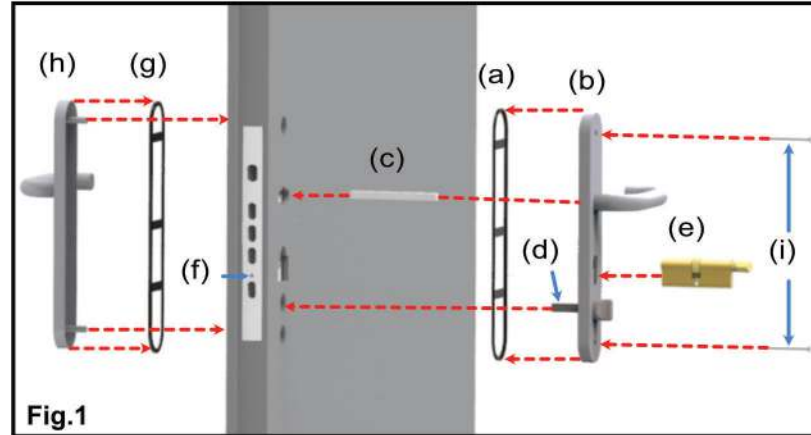


Fig.1

5. Insert the fixing hole caps and affix the self adhesive weather seal to the door frame. (Fig.4)

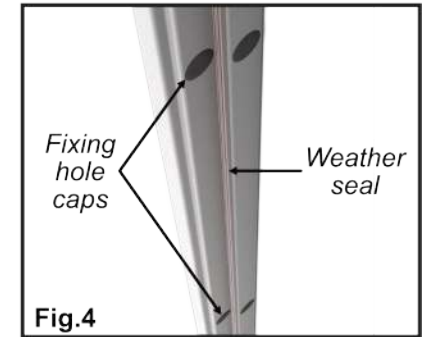


Fig.4



Fig.2

**PLEASE NOTE:** When the Kirncroft cylinder is attached it is designed to engage the security lockout feature which is built in to the lock. During fitting, force should not be applied to the cylinder. To line up the handles, the cylinder and the lock, all screws should be loose or lightly tightened. The hardware can then be easily aligned.

2. Ensure that the aperture is square, plumb and is the correct size for the door. The opening size should be **7mm** bigger than the door frame.
3. Position the bottom of the door in the aperture and then push it up so that it stands up vertically (fig.2). **Do not use the handle to lift the door.**
4. Make sure that the flange at the top of the door runs square to the top of the door frame (fig.3). If it is not square, pull the door frame over until it is square. The frame can now be welded in place or bolted through the fixing holes.

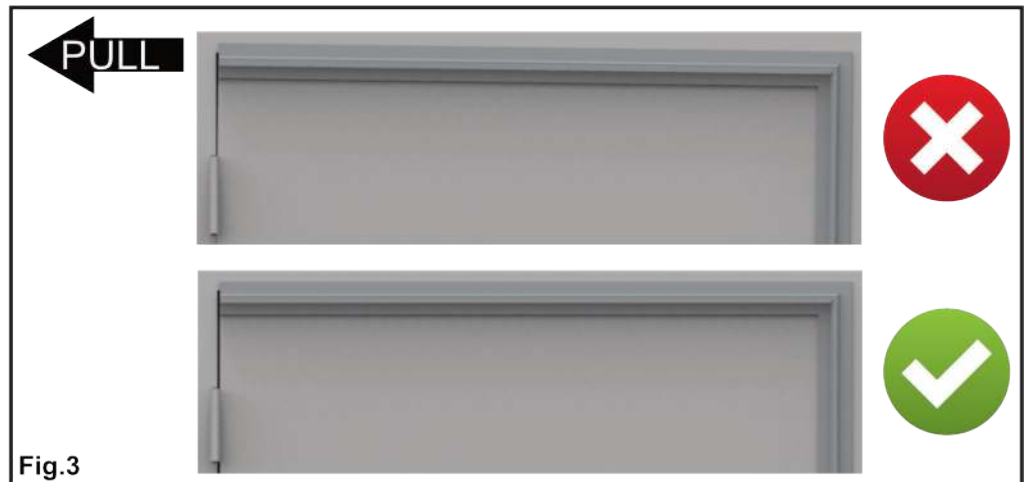
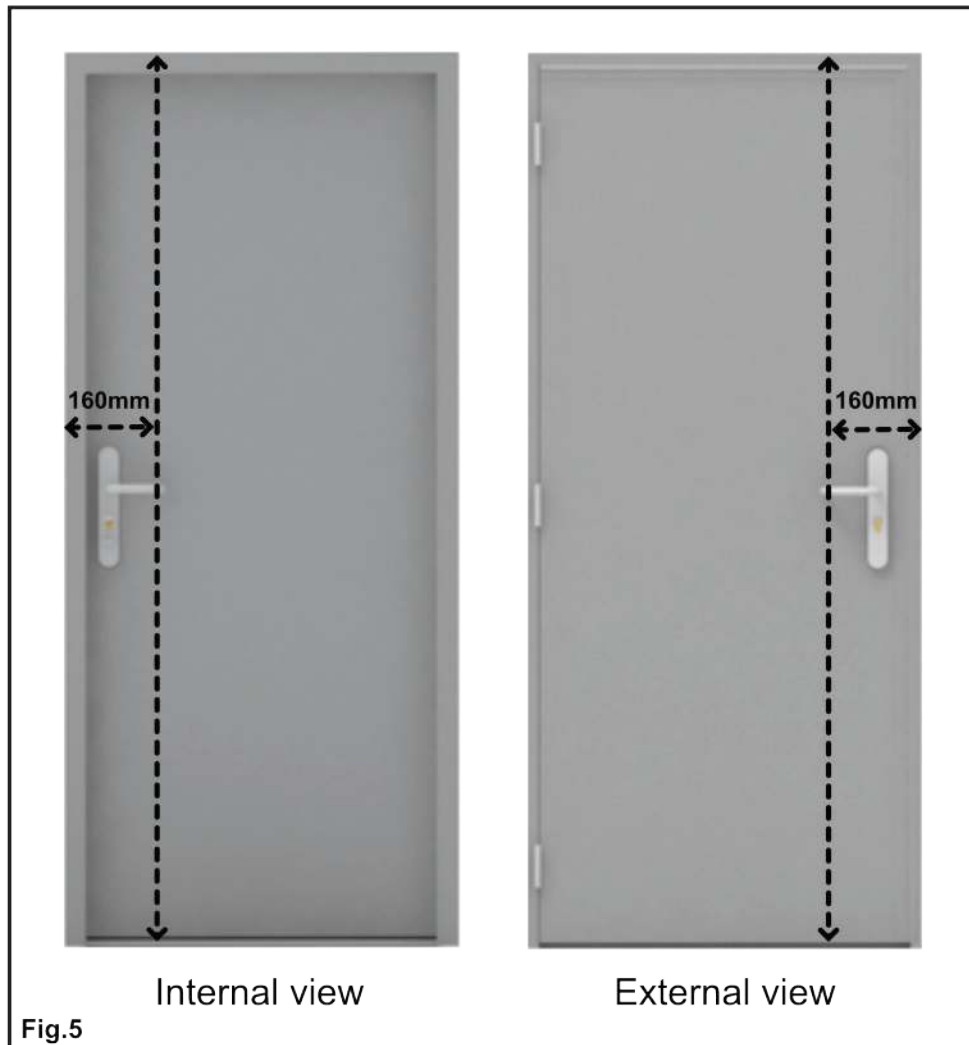


Fig.3



**SURFACE MOUNTING** - Do not drill or screw through the door or frame in the area 160mm from the outside of the frame on the locking side of the door (Fig.5). Doing so may interfere with the locking mechanism and invalidate the warranty.



## Maintenance schedule

All doors	Daily	Weekly	Monthly	3 Monthly
Visual check of overall condition		✓		
Check door opens and closes smoothly		✓		
Check hinges are not restricted	✓			
Check for foreign objects in the door jambs and threshold	✓			
Ensure fixing bolts are tight (where used)				✓
Ensure hinge screws are tight				✓
10-point locking doors	Daily	Weekly	Monthly	3 Monthly
Check free operation of cylinder		✓		
Check full protrusion of locking bolts		✓		
Check smooth operation of handle		✓		
Check smooth operation of the privacy latch (where fitted)		✓		
Check that the door locks and unlocks smoothly with the door closed		✓		
Check handle fixing screws				✓
Check cylinder fixing screws				✓
Doors with viewing panels	Daily	Weekly	Monthly	3 Monthly
Check seal around the external vision panel frame			✓	
Check glass for scratches and cracks		✓		

For more information please visit [www.kirncroft.com](http://www.kirncroft.com)