



KIRNCROFT

SECURITY DOORS

Kirncroft Engineering Ltd
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Kirncroft Engineering Ltd
Wadworth Hill,
Burstwick,
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UK

10

EN 14351-1:2006

Steel security door - Intended to be used in portable and modular buildings and other non-residential applications

External Frame Dimensions:

890x2095mm
910x2065mm
910x2065mm flanged
990x2095mm
1110x2065mm
1110x2065mm Flanged
1210x2065mm
1894x2065mm Double Equal Split
1894x2065mm Double Unequal Split

Watertightness - npd

Dangerous substances - As required by regulations

Resistance to windload - npd

Impact resistance - npd

Height - npd

Ability to release - npd

Acoustic performance - 32 (-2;-7) dB

Thermal transmittance - 1.8 W/m²K

Air permeability - npd





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Dangerous Substances Declaration

Kirncroft Engineering Ltd declares that the products listed below do not contain any materials which are liable to emission or migration during normal intended use and for which emission or migration into the environment is potentially dangerous to hygiene, health or the environment.

- 1) Kirncroft steel security 10-point locking personnel doors
- 2) Kirncroft steel fire escape personnel doors
- 3) Kirncroft steel security window shutters
- 4) Kirncroft aluminium glazing units





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Declaration of Conformity

1st July 2013

Kirncroft Engineering Ltd declares that the following products:

890x2095mm steel security door
910x2065mm flanged steel security door
910x2065mm steel security door
990x2095mm steel security door
1110x2065mm flanged steel security door
1110x2065mm steel security door
1210x2065mm steel security door
1894x2065mm equal split steel security double door
1894x2065mm unequal split steel security double door

For the following intended use: Portable, modular and industrial buildings. Other non-residential applications.

Conform to the following classification of characteristics in Annex ZA of standard EN 14351-1:2006:

Dangerous substances - Self declaration as required

Acoustic Performance - 32 (-2;-7) dB

Thermal transmittance - 1.8W/m²K

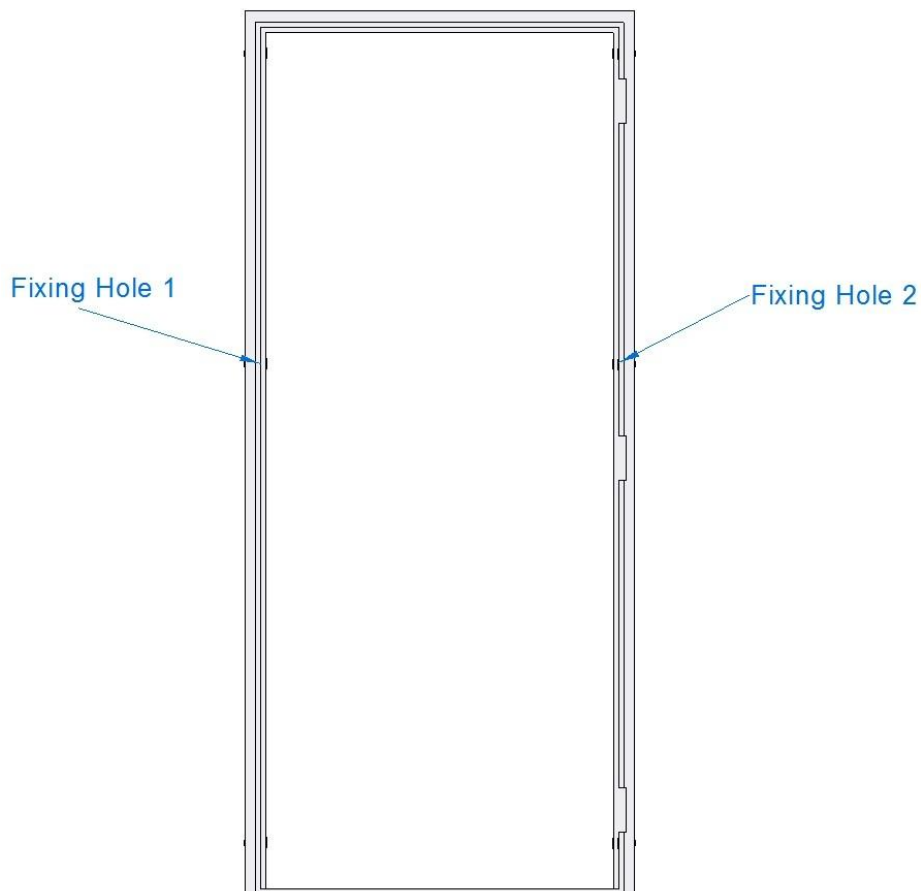


KIRNCROFT SECURITY DOORS

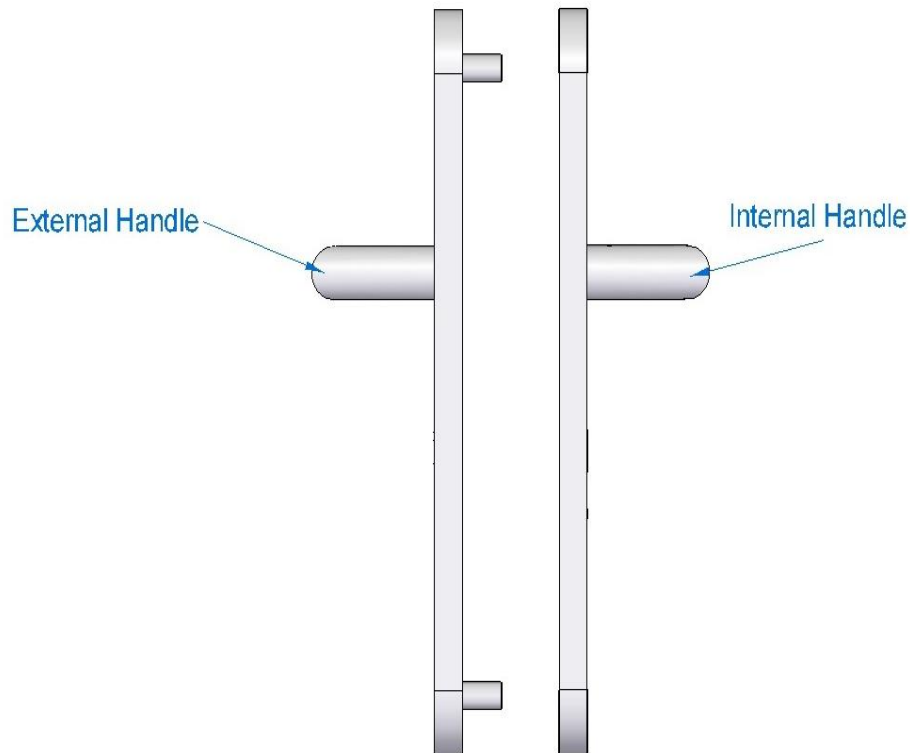
Fitting Instructions

Multi-locking single leaf steel door set

1. Ensure that the aperture is the correct size for the door that is to be fitted. The aperture size should be 10mm greater than the door frame size.
2. Address the door to the aperture and loosely secure the door, this can be done using the centre fixing holes, (fixing hole 1 & 2) or small tack welds if the door is to be welded into place. Care should be taken when handling the door (depending on the door size, the weight can range from 70Kg up to 90kg), ensure that the correct number of people are available to handle the door.



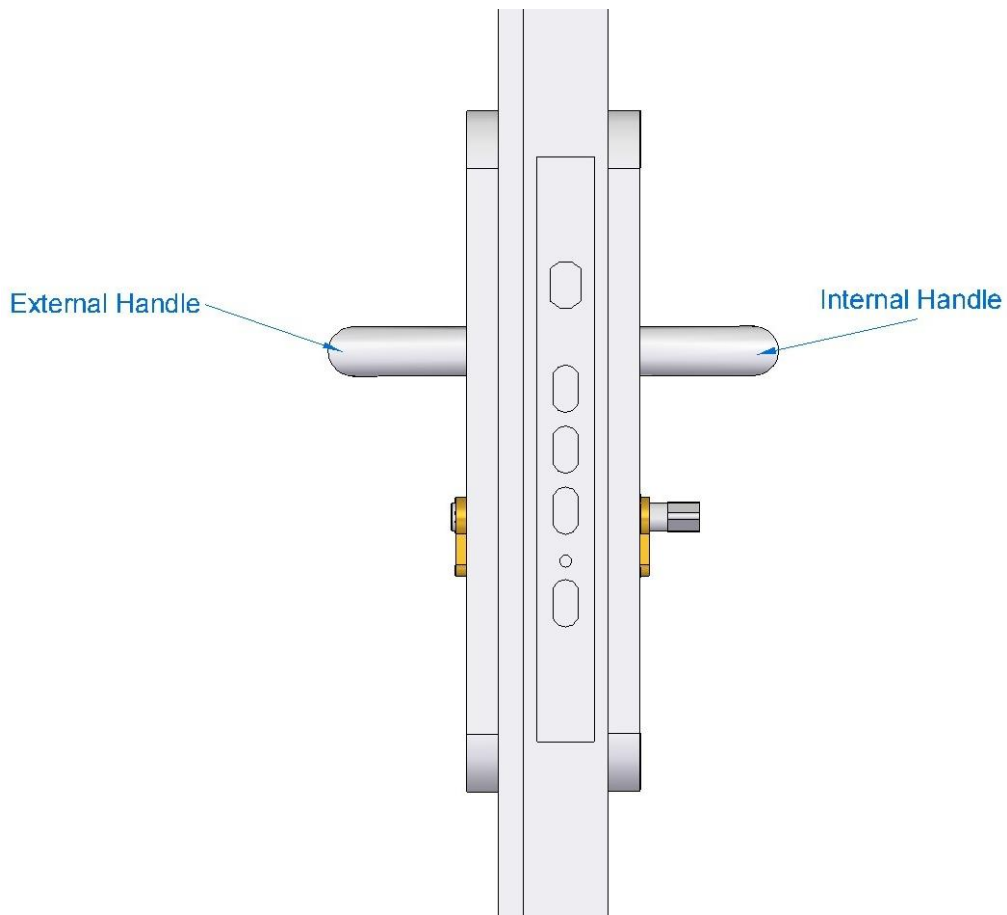
3. Now that the door and frame are loosely secured into the aperture the door can be opened to allow the furniture and locking mechanism to be fixed. Remove the furniture from the box and identify the internal and external handles.



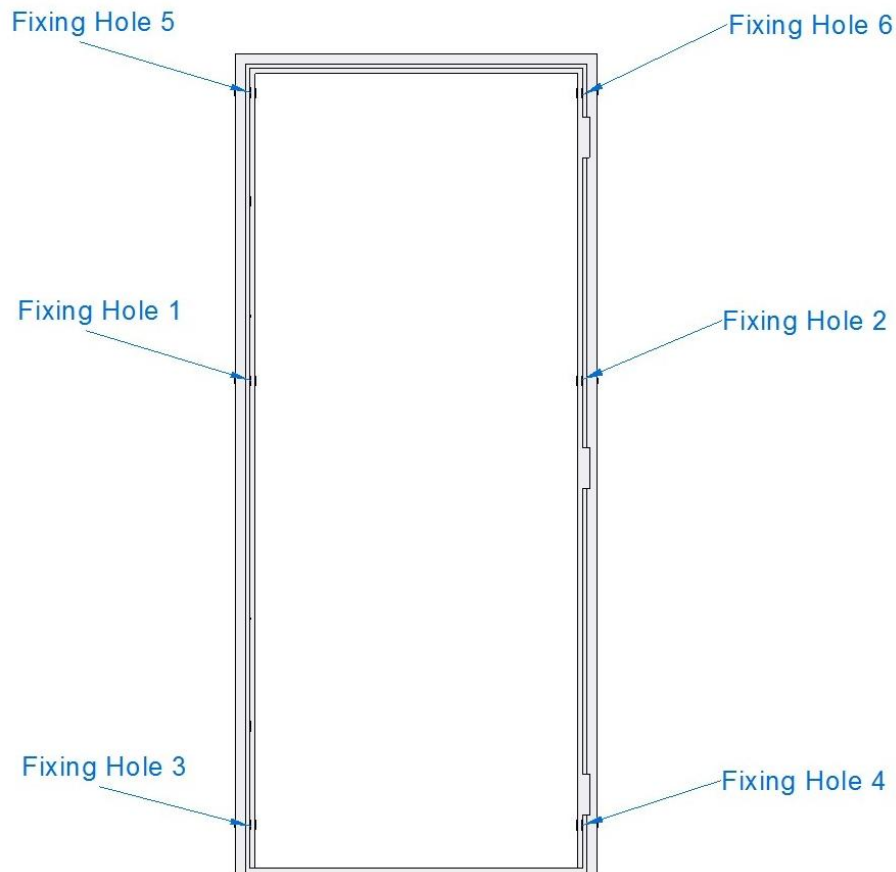
4. Before fitting the handles ensure that the threaded pillars on the external handle are tight. The keyway bar must be fitted through the square slot in the lock and into the external lever.
5. The handles are then fixed through from the internal handle plate, through the door and into the threaded pillars on the external handle plate using the fixing screws supplied. At this stage the handle should only be loosely fitted. Once loosely fitted, operate the lever to ensure that the latch retracts when the lever is depressed.
6. Now fit the cylinder. The cylinder is fitted from the internal face through the handle so that it protrudes through the external handle. The cylinder is held in

place by the fixing screw, which is fixed through the faceplate of the lock and into the fixing hole located in the body of the cylinder.

7. Once the cylinder is securely in place tighten all the handle screws. Ensuring that they are tightened evenly so that the handle plates sit flat on surface of the door.



8. Ensure that the handle, lock and door all operate correctly and that the door does not make contact with the threshold or the frame when opening and closing.
9. If using bolts to secure the door, the remaining fixing holes can now be drilled using the fixing holes in the frame as a template.



10. The remaining bolts should now be fitted loosely to allow movement of the door and frame within the aperture.

11. Assess the position of the door within the frame and apply packers (not supplied) around the fixing positions to ensure that the door is square within the frame when all of the bolts are tightened or when the frame is securely welded. Throughout this process it should be checked that the door opens and closes without making contact with the frame and that the locking system operates smoothly.

12. The remaining bolts can now be fully tightened and the door fully secured. Now check that the door operates freely and locks correctly.

N.B it is the responsibility of the installer to ensure that the furniture is correctly fitted. If painting the door the fittings must either be removed or masked up. Failure to do so will invalidate the warranty.

Kirncroft Steel Door Scheduled Maintenance Program

	Daily	Weekly	Monthly	3 Monthly
All Doors				
Visual check of overall condition		✓		
Check door opens and closes smoothly		✓		
Check hinges are not restricted	✓			
Check for forigen objects in the door jambs and threshold	✓			
Ensure fixing bolts are tight (where used)				✓
Ensure hinge screws are tight				✓
Multi-point doors				
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 the door locks and unlocks smoothly with door closed.		✓		
Check handle fixing screws				✓
Check cylinder fixing screws				✓
Fire Exit Doors				
Ensure the bar/paddle operates the latch		✓		
Ensure the latches are fully engaaged/disengage when operated		✓		
Ensure furnture fixings are tight			✓	
Check position of latch plate			✓	
Vision Panel Doors				
Check seal around the external vision panel frame			✓	
Check glass for scratches and cracks		✓		