European 72mm Escape Sashlock to EN 179 - Installation Instructions

5600/002/00
Rev B.

TO COMPLY WITH THE ABOVE STANDARD, THIS PRODUCT IS INTENDED FOR USE ON SINGLE INWARD OR OUTWARD OPENING FIRE ESCAPE DOORS.
DOOR LEAF SIZE MUST NOT EXCEED 2500mm HIGH x 1300mm WIDE x 200Kg WEIGHT MAX.
SUPPLIED SPINDLE IS SUITABLE FOR DOORS BETWEEN 35mm TO 65mm THICK.
THE SAFETY FEATURES OF THIS PRODUCT ARE ESSENTIAL TO ITS COMPLIANCE WITH THE ABOVE STANDARD.
NO MODIFICATIONS OF ANY KIND, OTHER THAN THOSE DESCRIBED IN THESE INSTRUCTIONS ARE PERMITTED.
THESE INSTRUCTIONS ARE SUPPLEMENTARY AND SHOULD BE READ IN CONJUNCTION WITH THOSE PROVIDED WITH THIS ESCAPE SASHLOCK .

FOR INSTALLATION ON ESCAPE ROUTE DOORS THE ESCAPE SASHLOCK MUST ONLY BE USED IN CONJUNCTION WITH THE SPECIFIED COMPATIBLE LEVER SETS LISTED BELOW:

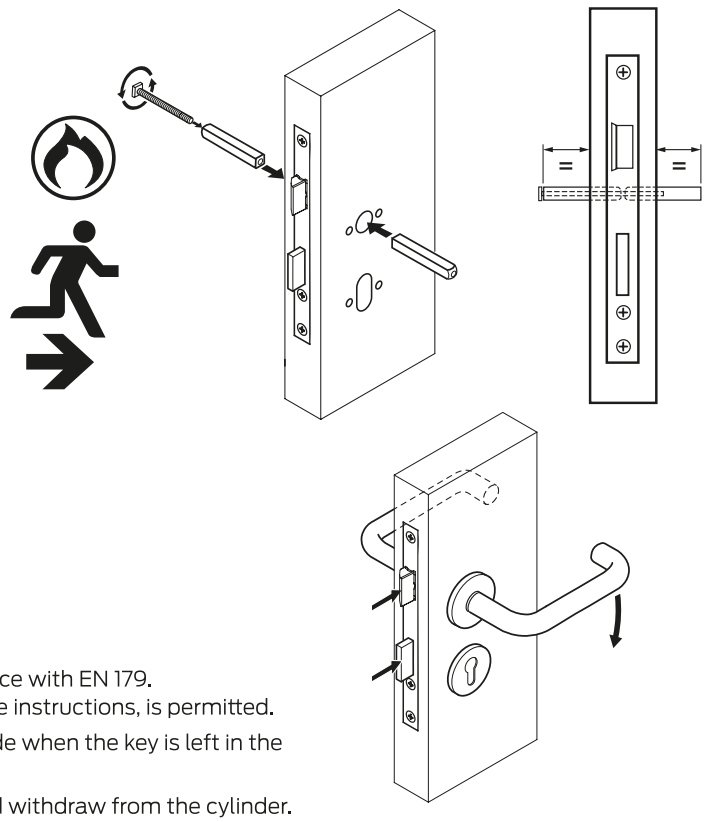
	Lever on Rose	Lever on Plate
Briton	4140.R.SS	
	4701.20.140.SS	
	4701.20.175.SS	
	4701.22.140.SS	
Laidlaw	LA02SS	54 215.72 SS7
	*LA02SA	
	LA02.5SS	
	*LA02.5SA	
	LA10SS	
	*LA10SA	
	LA10.5SS	
	*LA10.5SA	
	54 801.19FRS SS7	
	54 801.22FRS SS7	
	*54 801.19FRS SA7	
	*54 801.22FRS SA7	
	54 808.19SLR SS7	
	*54 808.22SLR SS7	
	54 921.8SLR SS7	

*Not for use on Fire Doors

Installation

Follow the main installation instructions for the European 72mm Lock Range to prepare the door for the Lock.

The Lever Sets must be used with the spindle supplied with the lock. All other standard fixings provided with the Lever Set should be used.



Important

- The safety features of this product are essential to its compliance with EN 179. No modification of any kind, other than those described in these instructions, is permitted.
- It is possible to render the escape lock inoperable from the inside when the key is left in the cylinder at a certain position.
- To ensure safe exit at all times the key must be fully thrown and withdraw from the cylinder.
- In the case of a thumbturn cylinder, this must be full rotated to its stop position.

Product Information

Category of projection: Category 2

Field of door application: Category B / D

Resistance of door leaf against pulling force of the recommended fixing screws: 1000N maximum achieved

Fire / Smoke door suitability

Door type: Insulated timber: up to 60 minutes / mineral composite based: up to 90 minutes (with lockset bedded on 1mm thick Interdens or Lorient mono-ammonium phosphate material

Door type: Uninsulated metallic based: up to 240 minutes

PRODUCT REF: BRITON 5660.60											
1121 - CPR - AG5104	14										
EN 12209 : 2003:2005	3	X	8	1	0	F	3	B	A	2	0
CE	ALLEGION 35 Rocky Lane, Aston, Birmingham, B6 5RQ. United Kingdom										
1121 - CPR - ABB5012	14										
EN 179 : 2008	3	7	6	B	1	4	4	2	A	B/D	

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Additional installation requirements

- Before installation ensure door and frame are in good condition, correctly hung and not distorted
  Note - Maximum door distortion of 5mm to ensure safe exit.
- It is not recommended that exit devices be fitted to hollow core doors unless specially designed for this type of door.
- It is recommended to verify that the door construction allows the use of the device, i.e. to verify that offset hinges and engaging leaves allow both leaves to be opened simultaneously, or to verify that the gap between door leaves does not differ from that defined by the exit device producer, or to verify that the opening elements do not interfere, etc.
- Before fitting an emergency exit device to a fire/smoke resisting door, the fire certification of the fire door assembly on which the exit device has been tested to prove suitability for use on a fire door should be examined.
  It is of utmost importance that an exit device is not used on a fire door assembly of a greater fire resistance time than approved for.
- Care should be taken to ensure that any seals or weather-stripping fitted to the complete door assembly does not inhibit the correct operation of the emergency exit device.
- Category 2 (Standard projection) emergency exit devices should be used in situations where there is restricted width for escape, or where the doors to be fitted with the emergency exit devices are not able to open beyond 90°
- Different fixing can be necessary for fitting emergency exit devices to wood, metal or frameless glass doors.
  For more secure fixing, male and female through-door bolts, reinforcement and rivets can be used.
- These exit devices are not intended for use on double action (double swing) doors.
- These fixing instructions should be carefully followed during installation.
  These instructions and any maintenance instructions should be passed on by the installer to the user.
- When installing lever operating emergency exit devices, particularly on doors with raised or recessed surfaces, consideration should be given to minimizing any potential safety risks, such as the trapping of fingers or clothing.
- The keepers should be fitted to provide secure engagement.
  Care should be taken to ensure that no projection of the bolt heads, when in the withdrawn position, can prevent the door swinging freely.
- Where emergency exit devices are to be fitted to double doorsets with rebated meeting stiles and self closing devices, a door coordinator device in accordance with EN 1158 (See Bibliography) should be fitted to ensure the correct closing sequence of the doors.
  This recommendation is particularly important with regard to smoke/fire-resisting door assemblies.
- No devices for securing the door in the closed position should be fitted other than specified in EN1155 / 179.
  This does not preclude the installation of self-closing devices.
- If a door closing device is to be used to return the door to the closed position, care should be taken not to impair the use of the doorway by the young, elderly and infirm.
- For outwardly opening exit doors, a sign which reads "Rotate handle to open" or a pictogram should be applied to the inside face of the door immediately above the operating element
- For inwardly opening exit doors, a sign whcih reads "Rotate handle and pull to open" or a pictogram should be applied to the inside face of the door immediately above the operating element
- The surface area of any pictogram should be not less than 800mm2 and its colours should be white on a green background.
  It should be designed such that the arrow points to the operating element when installed.

Maintenance Instructions

To ensure performance in accordance with this document, the following routine maintenance checks should be undertaken at intervals of not more than one month (or the period recommended by the producer)

A) Inspect and operate the emergency exit device to ensure that all components are in a satisfactory working condition.
   Using a force gauge, measure and record the operating forces to release the exit device.

B) Ensure that the keeper(s) is (are) free from obstruction

C) Check that the emergency exit device is lubricated in accordance with the producers instructions.

D) Check that no additional locking devices have been added to the door since its original installation.

E) Check periodically that all components of the system are still correct in accordance with the list of approved components originally supplied with the system.

F) Check periodically that the operating element is correctly tightened and, using a force gauge, measure the operating forces to release the exit device.
   Check that the operating forces have not changed significantly from the operating forces recorded when originally installed.

G) Check that all fixing screws are tight.

These instructions should be passed on by the installer to the user on completion of installation

Please contact us for additional information and full details of certification and fire door suitability.