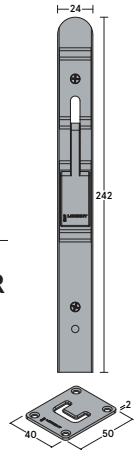
LORIENT

LAS9010 / LAS8001 si

FITTING GUIDE



FD30 BOTTOM OF DOOR WITH CLADDING KIT

certifire
CF5179
(LAS8001 si)

KIT 4

LENGTH _____

MANUFACTURED

DATE _____

CONTENTS

- LAS9010 flush bolt
- LAS8001 si drop seal
- Fixings
- 1 x keep
- 1 x end plate
- 1 x bag of screws and plugs
- 1 x striker button
- 1 x intumescent kit



TOOLS REQUIRED

- Tape measure
- Pencil or marker
- Saw (power/hack)
- Screwdriver
- Drill (power or hand)
- 2.5mm drill bit
- Knife
- Router
- Long series router bit

CLASSIFICATION TO BS EN 12051:2000

1	4	-	1	0	3	1
(1-4)	(1-4)	(-)	(0/1)	(0/1)	(0-4)	(1-5)

For more information please call:
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INSTALLATION DETAIL

STEP 1
Remove the products from the packaging.

STEP 2
Remove the door from its hinges, lay on side and firmly hold. (If the door bottom is already grooved to suit the LAS8001 si, go to Step 5).

STEP 3
Measure and mark the seal position on the bottom edge of the door. The seal must be positioned on the centre line of the door.

STEP 4
Fit a suitable cutter to the router and set guide. Machine a 15mm wide by 35mm deep groove along the bottom of the door.

STEP 5
Clear chips and dust from groove, check width and depth.

STEP 6
Fit a suitable cutter to the router and set guide. Machine a 24mm wide by 23mm deep groove, 242mm long, centrally to the bottom leading edge of the door. Clear chips and dust from groove, check length, width and depth.

WARNING: Check maximum cut back lengths provided below. Measure the door width.

CUT BACK SIZES: Do not cut the seal shorter than the lengths indicated below or this will affect the normal operation of the internal mechanism.

335mm cuts to 255mm
435mm cuts to 335mm
535mm cuts to 435mm
635mm cuts to 535mm
735mm cuts to 635mm
835mm cuts to 735mm
935mm cuts to 835mm
1035mm cuts to 935mm
1135mm cuts to 1035mm

STEP 7
On the LAS8001 si, at the opposite end to the actuator button, pull back the gasket and using a power/hack saw, cut the aluminium sections 6mm less than the door width to allow for end plate and flush bolt. Remove cutting swarf/debris. Push the gasket back into position and cut to length with a sharp knife.

STEP 8
Affix self adhesive intumescent cladding kit to the back of the groove for the flush bolt.

STEP 9
Position LAS8001 si in the groove and mark the end plate position on the hinge jamb of the door. Cut out with a sharp chisel (or router for round end plates). Screw fix the flush bolt and slide the seal into the groove ensuring that the actuator button is on the hinge side. Next, screw fix the end plate to hold the seal in position.

STEP 10
With the door leaf re-fitted, open and close the door observing the operation of the seal. Adjust accordingly by pulling out the actuator button clear of the housing. Firmly holding the threaded rod, turn the actuator button clockwise to reduce movement and anticlockwise to increase the seal movement.

STEP 11
With the door in the closed position, activate flush bolt lever and mark the position for the keep on the threshold. Rebate keep into threshold and screw fix using fixings provided.

STEP 12
(For timber frames, fix the striker button to the frame opposite the operating button.)

NOTE
For optimum results the seal should be adjusted so that the silicone gasket touches the sill in the final closing moment of the door.

We recommend LAS9010 flush bolt and LAS8001 si drop seal be used together with a Lorient perimeter seal.

NOTE
Recommendations as to methods, use of materials and construction details are based on the experience and knowledge of Lorient and are given in good faith as a general guide and service to designers, contractors and manufacturers.

Lorient reserves the right to make alterations or delete installation detail without prior notice.

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