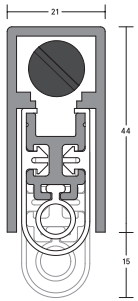
LORIENT

# LAS8014 SI DROP SEAL

## FITTING GUIDE




LENGTH _____

**CONTENTS**

- LAS8014 si drop seal
- 2 x die cast end plates
- 1 x striker button
- 2 x screws

**TOOLS REQUIRED**

- Tape measure
- Pencil or marker
- Saw, power or hand
- Screw driver
- Drill, power or hand
- 2.5mm drill bit
- Router
- Long series cutter
- Scissors, knife or snips

CLASSIFIED C UL US 5DL3

Gasketing materials for fire doors intended for application to wood and plastic covered composite and wood core doors rated up to 1.5 hours. Listed steel frames and/or classified steel covered composite, hollow metal doors rated up to 3 hours.

For more information please call:

**+852 2505 0328**

# INSTALLATION DETAIL

**STEP 1**
Remove the seal from the packaging and check maximum cut back sizes.

**STEP 2**
Remove the door from its hinges, lay on its side and firmly restrain. If the door bottom is already grooved to suit the seal dimensions, go to step 5.

**STEP 3**
Measure and mark the seal position on the bottom edge of the door. For optimum operation, the seal should be positioned on the centre line of the door.

**STEP 4**
Fit a suitable cutter to the router and set guide. Machine a 21mm wide by 44mm deep groove along the bottom of the door.

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

**NOTE**
**Check maximum cut back lengths provided.**

**STEP 6**
Position seal in the groove and mark each of the end plate positions on the edges of the door. Cut out with a sharp chisel (or router for round end plates).

**STEP 7**
Screw fix the end plate and slide the seal into the groove ensuring that the actuator button is on the hinge side. Next, screw fix the remaining end plate to hold the seal in position.

**STEP 8**
When the door leaf is re-fitted open and close the door observing the operation of the seal. Adjust accordingly using a flat headed screwdriver to turn the actuator button clockwise to reduce movement and anticlockwise to increase the seal movement.

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

**NOTE**
Ensure that the installation of this product does not impede the opening or closing of the door. It is recommended to check the adjustment of the door seal periodically to ensure the door assembly to which it is fitted, closes and latches properly.

**We recommend LAS8014 si drop seal be used together with a Lorient perimeter seal and, if required a threshold plate.**

**NOTE**
Die cast end plates in square and radiused versions are available in a metallic finish.



**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 495mm
635mm cuts to 535mm
735mm cuts to 635mm
835mm cuts to 735mm
935mm cuts to 835mm
1035mm cuts to 935mm
1135mm cuts to 1035mm
1235mm cuts to 1135mm

**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 any installation detail without prior notice.

V1

LORIENT

Lorient Pacific Ltd
Unit A2, 5/F Wing Tai Centre
12 Hing Yip Street
Kwun Tong
Hong Kong

+852 2505 0328
www.lorienthk.com

All rights reserved. No part of this fitting guide may be reproduced, stored in a retrieval system, or transmitted in any means, electronic, mechanical, photocopying, recording or otherwise without the written permission of Lorient Polyproducts Limited.
© Lorient Polyproducts Ltd 2019