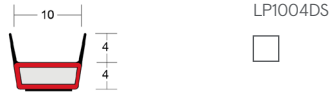
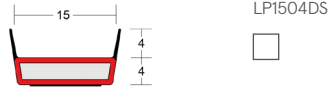


## LP1004DS, LP1504DS, LP2004DS, LP2504DS

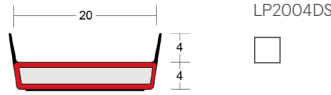
### FITTING GUIDE



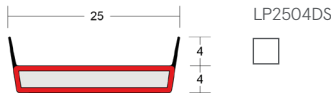
LP1004DS



LP1504DS



LP2004DS



LP2504DS



#### CONTENTS

- LP1004DS, LP1504DS, LP2004DS or LP2504DS acoustic, smoke + fire seal

#### TOOLS REQUIRED

- Router
- Suitable router bit
- Hacksaw/secateurs

For more information please call:

**+852 2505 0328**

#### IMPORTANT

It is essential that one fin on the product remains continuous at ironmongery points to ensure effective smoke and acoustic sealing performance.

Hinge blades may vary in depth / width and therefore the DS seal may be positioned offset at a maximum of 23mm from the opening side of the door or frame to provide a continuous smoke and acoustic seal.

#### NOTE

The DS acoustic, smoke + fire seal requires a 3mm gap size for seals with 4mm fins and a 5mm gap size for seals with 6mm fins, with a 1mm tolerance.

We recommend that, in line with good joinery practice, the edges of door leaves are given a 1° leading edge and chamfered on both edges.

#### STEP 1

Before fitting the door frame to the opening, rout all grooves to the back of the frame and head.

#### ROUT SIZES

LP1004DS: 10mm x 4mm  
LP1504DS: 15mm x 4mm  
LP2004DS: 20mm x 4mm  
LP2504DS: 25mm x 4mm

#### STEP 2

Repeat the same operation for the inside of frame and doors where applicable.

#### NOTE

All grooves should be of suitable width and depth such that the seals do not stand proud of their surroundings.

#### STEP 3

Make sure grooves are free from dust and grease. Lorient does not recommend oil or solvent based paint/primers.

#### STEP 4

Measure and cut all seals to length using a hacksaw. Remove self-adhesive backing and butt joint fit all seals to inside and outside of door frame or door, and meeting stiles of pairs of doors where applicable. Pressure must be applied to activate adhesive backing properties.

#### NOTE

Pinning of seals is not recommended.

#### IMPORTANT

Application should be at a temperature **NO LESS than 10°C**. Once installed it may be painted over. **Do not paint the flexible elements of combined acoustic, smoke and fire seals. Freshly painted doorsets should be left open until the paint is fully dry and cured before fitting with combined fire and smoke seals. Some paint or lacquers will affect adhesion.**



LP1504DS seal shown with LAS8001 si

#### HANDLING + STORAGE

No special precautions are required when handling Lorient acoustic, smoke and fire seals, but they should always be treated with care and not bent or twisted. Safety data sheets are available on request.

The products do not fall within the scope of COSHH regulations. Lorient intumescent seals should be stored flat in a clean, dry, dust-free area away from heat and at a storage temperature of between 5°C and 40°C.

#### 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

V1



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