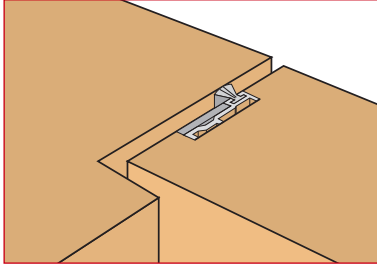


# ENVIROGRAF® PRODUCT 76

## REBATED INTUMESCENT FIRE AND SMOKE SEALS WITH ALUMINIUM HOLDER



### DESCRIPTION

An aluminium holder with intumescent fire and smoke seal, fitted into rebated fire doors or frames.

**ES/SM30:** 30 minutes fire-rated version, comprising an 7mm deep x 9mm wide x 2200mm long aluminium holder with a choice of brush or straight rubber seal. The brush smoke seals are available in black, brown, grey, or white and 5mm, 7mm, or 10mm high. The straight rubber seal is 4mm or 7mm high.

**ES/SM60:** 60 minutes fire-rated version comprising a 6mm deep x 20mm wide x 2200mm long aluminium holder with intumescent facing in aluminium with grey brush, black with black brush, brown with brown brush, red with grey brush, or white with white brush colours. Brush and rubber seal sizes as above.

**ES/SM60/P:** A plastic holder with intumescent material, 7mm deep x 20mm wide x 2200mm long in aluminium, black, brown, red, and white colours. For fitting into the rebate opposite **ES/SM60**, providing increased protection and sealing efficiency.

### USE

The holder is rebated into wooden fire doors or frames, maintaining integrity and restricting the passage of fire and smoke in the event of a fire.

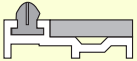
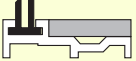


### PERFORMANCE

This product is an aluminium holder that houses Envirograf® Product 100, giving 30 or 60 minutes integrity to BS476 Part 22 (1987) and 69 minutes integrity to BS476 Part 23 (1987).

### ORDERING REFERENCES :

PATENTED

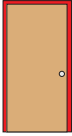
- ES/SM30/B** Aluminium holder 7x9x2200mm with brush seal
  - ES/SM30/S** Aluminium holder 7x9x2200mm with straight rubber seal
  - ES/SM60/B** Aluminium holder 6x20x2200mm with brush seal
  - ES/SM60/S** Aluminium holder 6x20x2200mm with straight rubber seal
  - ES/SM60/P** Plastic holder 7x20x2200mm opposite ES/SM60 seals ONLY
- State holder colour/finish and brush colour if necessary**  
**For single- and double-action doors, the straight rubber seal is preferred**

 <p><b>ES/SM60/B</b> 5/7/10mm Seal</p>	 <p><b>ES/SM60/S</b> 5/7/9mm Seal</p>	<p>TOP</p>  <p><b>ES/SM60/P</b> Plastic Strip Only</p>	 <p><b>ES/SM30/S</b> 5/7/9mm (brush seal available)</p>
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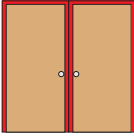
**Important: 1-1½mm of the brush or rubber seal is held within the holder. Brush with fin is always ½mm higher than regular brush. Make allowance for this when specifying.**

Fitting Requirements for Product 76

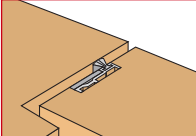
Single



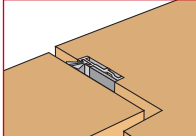
Double




■ Shows position of door seals fitted to door or frame



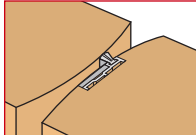
**SINGLE-ACTION DOORS**  
(seal fitted in door)



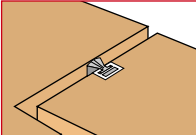
**SINGLE-ACTION DOORS**  
(seal fitted in frame)



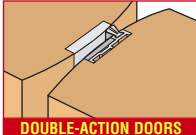
**DOUBLE-ACTION DOORS**  
(rebated meeting stiles)  
**BRUSH OR RUBBER SEAL**  
ES/SM30 OR ES/SM60



**DOUBLE-ACTION DOORS**  
(unrebated meeting stiles)



**SINGLE-ACTION DOORS**  
POSITION FOR ES/SM30



**DOUBLE-ACTION DOORS**  
POSITION FOR ES/SM60  
(Use ES/SM60 brush or rubber seal opposite)

Also used for sliding doors and windows. Plastic coloured hinge plugs filled with intumescent are available

### FITTING INSTRUCTIONS FOR ENVIROGRAF® PRODUCT 76 REBATED FIRE AND SMOKE SEALS

**ES/SM60:** fit the aluminium profile into the rebate and fix with the nails supplied. Peel off the backing strip from the intumescent finishing piece and adhere it to the aluminium holder, thus hiding the heads of the fixing nails.

**ES/SM60/P & ES/SM30:** peel off the backing strip from the profile and adhere into the rebate.