

ENVIROGRAF® PRODUCT 97

INTUMESCENT DOOR STOP FOR FIRE AND SMOKE PROTECTION

DESCRIPTION

A brown or white plastic door stop including intumescent fire seal and brush smoke seal, designed to upgrade normal hollow-core doors and to replace existing wooden door stops. Can be fitted with acoustic seals which also serve as draught and smoke seals.

USE

Can be used for new installations, as a combined surface-mounted doorstop, brush smoke seal, and intumescent fire seal. Alternatively, the intumescent section can be routed into the door frame lining, with a rebate of 3mm deep x 50mm wide. The standard smoke seal supplied is a 5mm brush. Rubber seals may also be used, as indicated below (all of these seals offer draught and smoke protection). This product should be fitted to the most vulnerable doors (including non-fire-rated doors), such as dining room and kitchen. The smoke seal helps to ensure a fire escape route free from smoke, and the intumescent seals the gap between the door and frame to inhibit the spread of fire.

PERFORMANCE

This product was used in a number of fire resistance tests employing the general procedures and criteria of BS476 Part 22 (1987), achieving an integrity of over 68 minutes on a fire door. Another test to BS476 Part 22 (1987) on a standard door (i.e. not fire-rated) achieved an integrity of 18 minutes, offering valuable escape protection.






ORDERING REFERENCES:



DSU/S Single Door set comprising 2 x 2100mm and 1 x 1050mm pieces

DSU/D Double Door set comprising 3 x 2100mm and 1 ES/25/HS pieces

State door stop colour and smoke seal required (see below)

| |  |  |  |  |  |
|-------------------|--|--|--|--|--|
| Type: | Seal A | Seal B | Seal S | Seal T | Seal V |
| Seal Size: | 6/9mm | 3/5/7/10mm | 5/7/9mm | 6/9mm | 6mm |
| Use For: | Single-action Doors | All Doors | Double-Action Doors | Cushioning | Single-action Doors |

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.

