

APPLICATION DATA SHEET



ENVIROGRAF®

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Product Number: 69

Intumescent Surface Mounted Fire & Smoke Seals

Description:

This is a surface-mounted intumescent fire or fire and smoke seal available in black, brown, red, white, and real wood veneer finishes. No routing is necessary. Supplied as a pack with intumescent paper for use around lock and hinge areas and two labels printed "Fire Door – Keep Shut".

Fixing requirements:

Ensure that a minimum 3mm - 3½mm gap exists between door and frame, down the closing stile and across the head. Only a 1mm gap is required down the back edge as the standard strip is only 1mm thick and covers hinges without binding.

Important Note:

Existing painted or varnished door frames must be cleaned thoroughly with white spirit or detergent water and completely dry before application of seals. For new woodwork the surface must be sealed with sealant/paint before seal application.

Application:

Peel off backing paper from the self-adhesive fixing strip starting on the brush side and, with the smoke seal touching the door stop, press the intumescent seal into position. The seal can be easily cut with a sharp knife to fit around lock areas. Two 1100mm lengths are supplied for fitting down the closing stile and these are 2.4mm thick. One 1000mm long x 2.4mm thick strip is supplied for the head of the door frame. Two 1100mm long strips (1mm thick in standard version and 2.3mm thick in plastic version) are supplied for the back of the door frame, and these adhere from top to bottom, over the hinges (this helps to cool the hinges and screws in a fire). Intumescent paper is supplied for application around a rebated lock, to cool the lock in a fire. Remove lock from door, cut Envirograf® intumescent paper to size, wrap it around lock and sandwich it between the lock and door as you replace the lock. Also place paper under the keep plate. Labels are supplied for single or double doors, printed "Fire Door – Keep Shut". These seals comply with BS476 Part 22. The intumescent seals can be painted or varnished over but the brush must not be painted. If the brush is accidentally painted over it can be easily replaced by ordering Envirograf® Product 72 brush seals as replacements. Note: panel pins are supplied to secure through the brush smoke seal at each end and every 300mm apart along its length. These panel pins must be fitted as requested by building control officers and fire officers.