

APPLICATION DATA SHEET



ENVIROGRAF®

AP026-11-2019

Product Number 26:

Intumescent Pads

DESCRIPTION

Owing to the high flammability of PVC cables and trunking, it is essential to install fire protection wherever the cables or trunking pass through fire rated ceilings or walls. Within three minutes of ignition of a fire, the cables inside steel trunking will ignite, passing the fire to the next floor or room. This is also the case with PVC and steel conduits and situations where electrical socket and switch boxes are mounted back to back through a fire wall and cables pass between. To combat these problems, a range of easy-to-install Envirograf® products have been developed to control the situation.

IDENTIFICATION LABELS

The product identification labels supplied must be used in order to indicate to building control officers and fire officers that protection has been applied to the penetration, and to comply with the current 17th Edition of IEE Regulations.

INSTALLATION – SINGLE PAD CONFIGURATION

For trunking sizes not exceeding 100mm x 100mm, only one intumescent pad is required per penetration, as indicated by the **blue** shape opposite. The self-adhesive backing on the pad is revealed by removal of the protective covering paper, taking care not to touch the adhesive surface against fingers, dust, etc (for maximum adhesion strength). The pad is placed inside the trunking and within the penetration area, and then pressed firmly against the inside surface at one side of the trunking.



INSTALLATION – TWIN PAD CONFIGURATION

For trunking sizes equal to or exceeding 150mm x 150mm, two intumescent pads are required per penetration, as indicated by the **blue** shapes opposite. The self-adhesive backing on the pads is revealed by removal of the protective covering paper, taking care not to touch the adhesive surfaces against fingers, dust, etc (for maximum adhesion strength). The pads are then placed inside the trunking and within the penetration area, and pressed firmly against the inside surface at each side of the trunking.



Illustrations are not to scale and all measurements stated are approximate. E&OE.