



DRY LINING BOXES WITH INTUMESCENT GASKETS

For PVC & metal electrical outlet boxes in ceilings & walls

PRODUCT APPLICATION

Intumescent gaskets are essential in metal or plastic boxes where cables pass back through a wall. Gaskets must be fitted to all dry lining boxes in partition walls. Without these gaskets, fire can spread into the partition within four or five minutes. Where cables run through back-to-back boxes in brick or block walls, flames can pass through within 6 minutes, resulting in a wall or partition only having six minutes of fire integrity.

Gaskets for use inside metal or plastic boxes are made to the size of the box and come with self-adhesive fixing on the back. Once the backing paper has been peeled off the fixing strip, the gasket can be adhered to the inside of the box.

Holes can be cut into the gasket with a sharp knife to receive cables, or the gasket can be cut to fit the back of the box if cables are already fitted (see A first page).

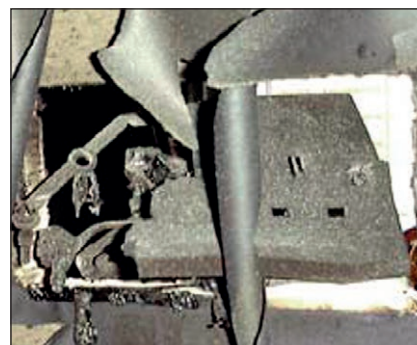
Dry lining boxes in walls have two pads per box, made to size and adhered top and bottom (see B first page).

Ceiling rose boxes for plasterboard ceilings can be protected by means of an intumescent cover which folds up and is passed through the hole in the ceiling. A hole is then cut in the cover to receive the cables, which are then pulled through the cover, box, and ceiling before connecting the ceiling rose (see C first page).

Acoustic protection covers are also available. Ceiling rose gaskets to fit over the ceiling rose or hook plate should be fitted where more than two cables pass through the ceiling. A hole is made in the gasket through which the cables are passed. The backing paper of the self-adhesive fixing strip is then peeled off and the gasket is adhered to the ceiling. The pendant or light fitting can then be fitted (see C first page).



Protected box



Unprotected box

ORDERING REFERENCES

SHALLOW (35mm) OR DEEP (44mm) DRY LINING BOXES COMPLETE WITH FITTED INTUMESCENT GASKETS	
REF	DESCRIPTION
GBOX/S	Single shallow box with fitted intumescent gasket
GBOX/D	Double shallow box with fitted intumescent gasket
GBOX/T	Twin shallow box with fitted intumescent gasket
GBOX/SD	Single deep box with fitted intumescent gasket
GBOX/DD	Double deep box with fitted intumescent gasket



Unprotected box

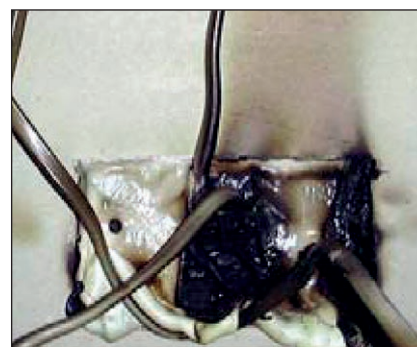
COMPLIANCE WITH REGULATIONS

All of these products comply with the revised 17th edition of the IEE Regulations and Document B of the UK Building Regulations. These are the requirements:-

Where cables, conduits, trunking, or other items of a wiring system pass through ceilings, floors, roofs, or walls of a building, any part of the hole that is left around the electrical material shall be

made good to the same degree of fire resistance as that required for the element being passed through.

Additionally, internal barriers that give the same degree of fire resistance shall be installed in busbars, busbar trunking, conduits, ducting, socket and switch boxes, and trunking, where the ceilings, floors, roofs, and walls have a specified fire resistance.



Protected box