

Trade Name: ASTRO FRA Socket Box Cover

Intumescent Fire & Acoustic Socket Box Cover

Easy to install *putty pad* alternative. Pre-formed covers to fit most electrical switch boxes

Tested to BS 476 Part 20 for up to 120 minutes.

Tested to & BS EN 1366-3 60 minutes

Prevents or delays fire from entering a wall cavity and attacking the building structure.

Simple and fast mechanical fixing, no adhesives, screws, drilling or mess.

Replaces time consuming plasterboard lining of sockets / switches.

Can be retro fitted to existing sockets / switches or fitted during wall construction.

The switch / socket box can be removed without disturbing or replacing the cover.

Effective acoustic barrier to both impact and airborne sounds. Acoustic Rating up to -67 dB.



Description

Switch boxes, in walls subject to fire regulations, must be correctly fire protected. Once a hole is made in the wall for a recessed switch or socket box, the fire integrity of the construction is compromised.

In addition the wall's capacity to provide an effective acoustic and thermal barrier is impaired. For timber framed buildings preventing a fire from entering wall cavities and attacking the structure is critical to the overall fire integrity of the building.

To combat these fire risks Astroflame has developed a pre-formed socket / switch box cover to provide fire and acoustic protection as an easy fit alternative to conventional putty pads.

This one-piece socket box is available in sizes to suit most common single & double electrical boxes and restores and maintain fire insulation and integrity in plasterboard walls for up to 120 minutes.



In a fire the cover expands, filling all of the available space with a fire resistant highly insulating char. The fire is unable to penetrate the aperture and the socket cover is able to give additional insulation protection to the wall void by reducing the

chance of heat build up leading to the ignition of flammable structural members.

The socket cover also reduces the transmission of noise and has a certified acoustic rating (see below).

In a wall with two layers of plasterboard on each face, the ends of the fixing wires can be pushed between the plasterboard layers.

Availability

Single or Double Socket sizes / one per box or boxes of 10 per size

Single size cover dimensions: 90mm x 90mm x 50mm deep

Double size cover dimensions: 160mm x 90mm x 50mm deep

To order & specify

Please quote : QTY / TRADE NAME / SIZE / PRODUCT REF

Typical wording

10 / ASTRO FRA SOCKET BOX COVER / SINGLE / AFFRASOCS

10 / ASTRO FRA SOCKET BOX COVER / DOUBLE / AFFRASOCD

Fire Test and Assessment Reports

Tested for use in plasterboard partition walls.

Fire Rating: BS 476 - **EI120** mins | EN 1366-3 - **EI60** mins.

Acoustic Testing: BS EN ISO 140-3:1995 and BS EN ISO 717:1977

Acoustic Rating up to 67 dB.

Health and Safety

See COSHH Sheet.

Installation

Please refer to our install sheet

For additional testing, or technical information please contact ASTROFLAME FIRESEALS LTD.

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