

A Putty Pad alternative - intumescent Fire & Acoustic Internal Socket Box Insert

Trade Name: ASTRO FRA Socket Box Insert



Easy to install putty pad alternative

Single and Double socket sizes available

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

Provides an effective acoustic barrier to both impact and airborne sounds.

Maintains the fire protection performance of the wall- preventing or delaying the spread of fire.



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

The covers are pre-formed to fit all common socket box types.

Simple and fast mechanical fixing, no adhesives, no mess.

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

Replaces time consuming plasterboard lining of sockets / switches

Unique flanged design holds the socket box insert in place during a fire

The Socket box insert can be removed and replaced if additional wiring is required.

Description

The use of recessed switch and socket boxes in walls is widespread in private, public and commercial buildings. The walls are subject to fire regulations and, most will have to be fire rated.

Once a hole is made in the wall for a recessed switch or socket box, the integrity of the construction and its ability to perform in a fire can be reduced significantly, in addition the ability for the wall to provide an effective acoustic barrier is also impaired. In timber framed buildings the prevention of fire entering wall cavities and attacking the structure is critical to the overall fire integrity of the building.

To combat this ASTROflame, as part of its continuing development of passive fire and acoustic protection solutions, has developed a Fire & acoustic rated Socket box insert as an easy alternative to putty pads.

The inserts have been developed to provide maximum protection for penetrations created by the introduction of both single and double recessed switch / socket boxes and to allow ease of fitting. In a fire situation, the inserts flanged design ensures that the fire resistant material remains in place to limit the spread of fire through the socket penetration.

The fire is unable to penetrate the hole and the cover is able to give additional insulation protection to the wall void by reducing the chance of heat build up and the ignition of flammable structural members. The penetration in the wall also provides a path for air, thus creating heat loss and drafts, the fitting of an ASTRO FRA Socket Box Insert reduces this problem.

The socket box insert is designed for most common single & double socket / switch boxes.

Availability

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

To Order & Specify

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

Typical wording

10 / ASTRO FRA SOCKET BOX INSERT / SINGLE / AFFRASOCSIN

10 / ASTRO FRA SOCKET BOX INSERT / DOUBLE / AFFRASOCDIN

Fire Test And Assessment Reports

ASTRO FRA Socket Box Covers have been tested to BS476 part 20 in an un-insulated plasterboard wall construction for 120 minutes without failure in either insulation or integrity.

Acoustically tested by Sound Research Laboratories to both BS EN150 140-3: 1995 & BS 2750 Part 3 1995.

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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