



Fire & Acoustic Socket Box Inserts

The Product

The use of recessed switch and socket boxes in walls is widespread in private, public and commercial buildings. The walls are subject to the 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 adequately in a fire can be reduced significantly. In addition, the ability of 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, JCW Acoustic Supplies 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 caused by the introduction of both single and double recessed switches/ socket boxes and to allow ease of fitting.

In a fire situation, the inserts flanged design ensures 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 the 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 draughts. Fitting JCW Socket Box Inserts reduces this problem.

The Facts

- **Fire tested:** JCW Fire & Acoustic Socket Box Inserts have been fire tested to BS 476: Part 20 in an uninsulated plasterboard wall construction for 120 minutes fire integrity and insulation.
- **Acoustically tested:** JCW Fire & Acoustic Socket Box Inserts have been acoustically tested in a timber stud wall to BS EN ISO 140-3: 1995
- Easy to install as a putty pad alternative
- Simple fixing – no adhesives required – no mess
- Can be retro fitted to existing sockets



Specification

Socket Size	Dimensions	Weight
Single	35mm deep	4g
Single	47mm deep	8g
Double	35mm deep	16g
Double	47mm deep	20g

Installation Service

Our specialist acoustic installation teams are available across the UK. These skilled and experienced tradesmen understand acoustic materials and how to fit them quickly and correctly. The result is a cost effective service which ensures the acoustic integrity of your project.

For further details, call John C Wilkins Acoustic Supplies on 01204 548400

APPLICATIONS

- Offices • Meeting Rooms • Hotels • Conference Centres
- Leisure Centres • Schools • Restaurants • Showrooms

JOHN C WILKINS ACOUSTIC SUPPLIES

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