



ROCKWOOL®

FIREPRO®

Intumescent Putty Pads

Restrict the spread of fire in plasterboard partitions

ROCKWOOL Intumescent Putty Pads have been developed for use in plasterboard partitions that have been partially penetrated by electrical socket boxes. They are designed to maintain acoustic integrity and fire resistance.



Intumescent Putty Pads

Description

Intumescent Putty Pads are manufactured from a red non-setting, flexible silicone based intumescent polymer. They will not harden, crack or dry out with age.

The intumescent properties activate as temperatures reach 200°C, restricting the passage of fire and smoke.

External Socket Intumescent Putty Pads provide a fast, efficient and clean method of achieving the required fire and acoustic ratings as specified in the 2006 edition of the Building Regulations approved document part E and B, sections 7 and 7.12 b.

Applications

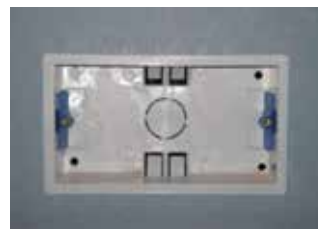
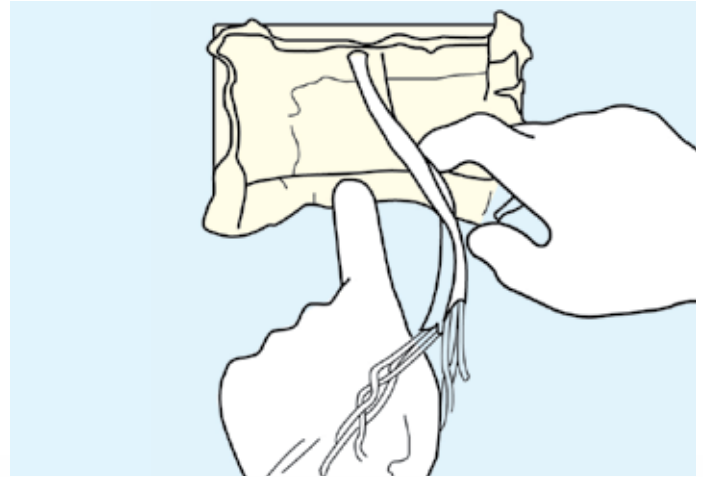
Intumescent Putty Pads are designed for (but not limited to) effecting a fire and acoustic seal around electrical socket boxes. Using the putty pads removes the need to install time-consuming baffle boxes.

General benefits:

- Provides fire protection
- Reduces noise transfer
- Pre-cut cross shape ensure hassle free installation
- Low smoke emission
- Maintenance free
- Remains malleable
- Long service life
- Available for single and double sockets

- To achieve a high quality seal, ensure the socket is clean, dry and free from any dirt and dust.
- Remove the protective paper from one side of the pad and align the pad so that it fits centrally over the switchbox. (can be installed to either the inside or the outside of the socket, depending on the fitting method / type of socket)
- Firmly press the perimeter of the pad to ensure it is bonded to the substrate.
- Remove the remaining protective paper and trim off any excess material to leave a neat finish.
- Under fire conditions the intumescent pad expands to fill the void left by the burnt out electrical socket box, preventing the spread of fire through the plasterboard wall. The intumescent putty can also be used for upgrading the acoustic performance of partitions where electrical sockets boxes have penetrated the wall, reducing room-to-room noise transfer.

Figure 1 - Example of Putty Pad installed internally



Switch box before installation of Putty Pad



Putty Pad installed inside switch box

ROCKWOOL Internal Socket Intumescent Putty Pads are available in both single and double socket versions.

Installation is simple:

- Remove the face plate of the electrical socket box.
- Mould the pre-formed putty pads into the back of the box and around the cables.
- Simply replace and secure the face plate.

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Intumescent Putty Pads (Internal Socket)

Specification

Intumescent Putty Pads are available in two sizes to suit single and double gang electrical boxes.

Fire resistance

Tested to BS476 Part 20:1987/EN1366-3, Acoustic Intumescent Putty Pads offer up to 2 hour fire resistance.

Acoustic benefits

Measurement of airborne sound insulation was made in accordance with BS EN ISO 140-3:1995. Single number quantities were calculated in accordance with BS EN ISO 717-1:1997.

Intumescent Putty Pads (Internal Socket) offer a weighted sound reduction index of up to 67db. Tests were conducted by BRE Acoustics who hold UKAS accreditation for the measurement of sound insulation in the field and the laboratory. The measurements were conducted using the procedures accredited by UKAS.

Installation should be in full accordance with manufacturer's instructions.

Putty Pad dimensions

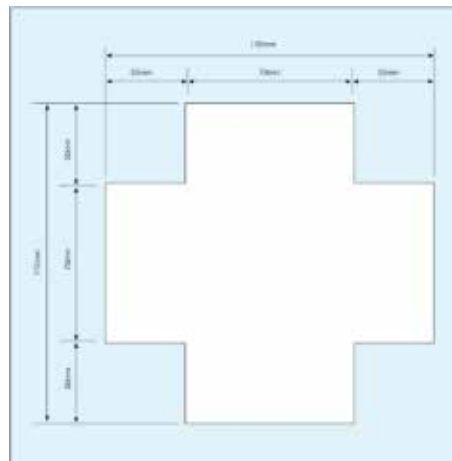


Figure 2 Single Electrical Socket Cross Shape

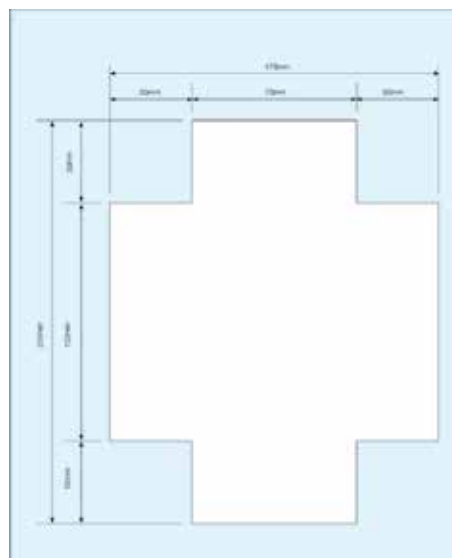


Figure 3 Double Electrical Socket Cross Shape

Ordering

When ordering this product you need the following information:

- Size of Putty Pad required
- Quantity required

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Whilst ROCKWOOL will endeavour to keep its publications up to date, readers

will appreciate that between publications there may be pertinent changes in the law, or other developments affecting the accuracy of the information contained in this data sheet.

The above applications do not necessarily represent an exhaustive list of applications for Intumescent Putty Pads (Internal Socket). ROCKWOOL Limited does

not accept responsibility for the consequences of using Intumescent Putty Pads (Internal Socket) in applications different from those described within this data sheet. Expert advice should be sought where such different applications are contemplated, or where the extent of any listed application is in doubt.

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