

GYPROC® PUTTY PAD

Installation Guide



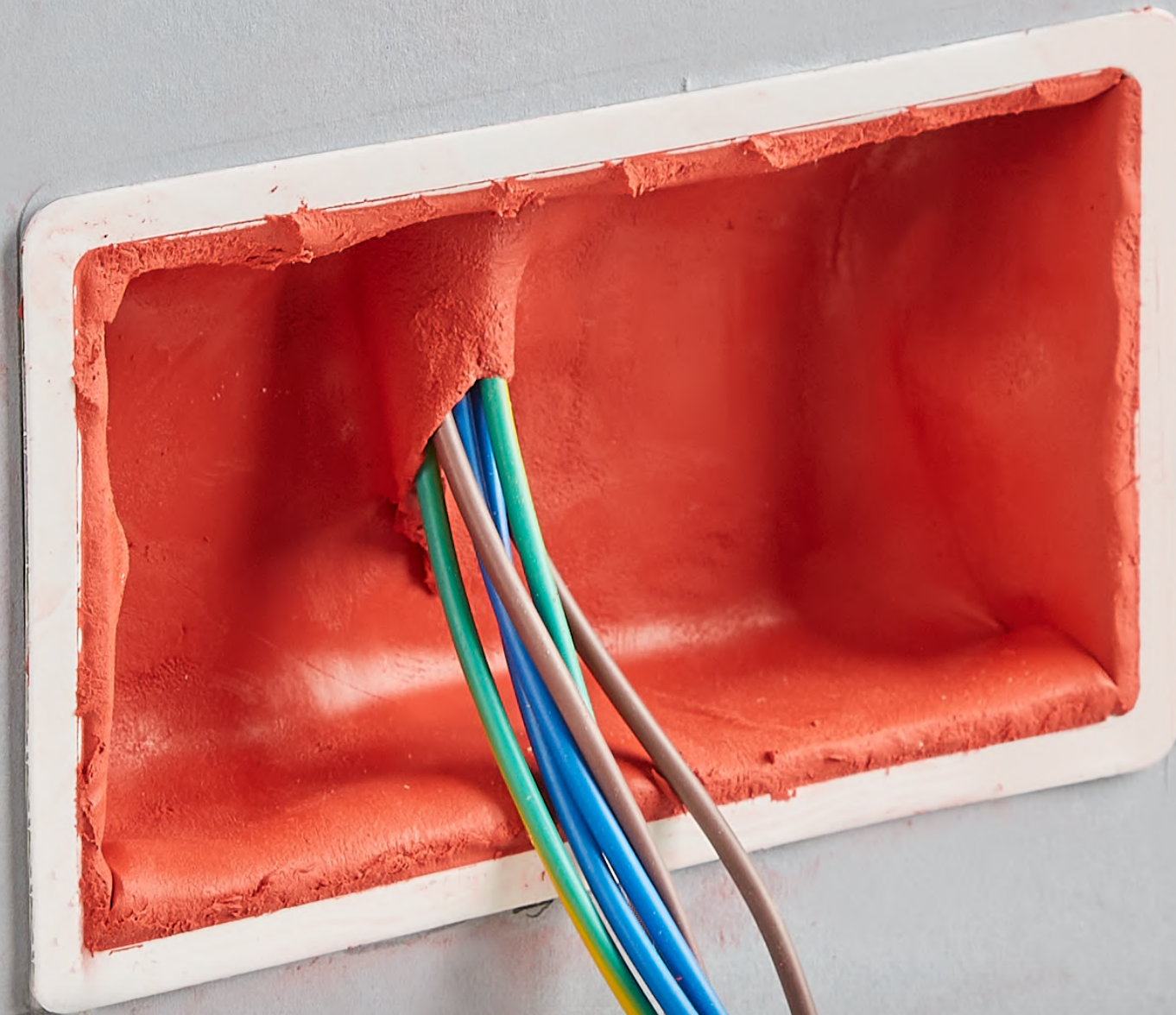
Installation images shown are from a benchmark application of firestopping products, and do not reflect on-site conditions.

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Typical applications



The Gyproc Firestopping range delivers trusted passive fire protection across a variety of applications.

Backed by a comprehensive suite of test data, each product is designed to meet rigorous performance standards. This guide outlines installation best practices to ensure reliable firestopping and compliance with certified system requirements.

For illustrative purposes only

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Introduction

Gyproc Putty Pads are designed to provide up to two hours fire resistance (dependent on application), to electrical socket boxes situated in fire resisting constructions. Gyproc Putty Pads are manufactured from a flexible silicone-based intumescent polymer with a low smoke emission. They are easy to apply, flexible and re-workable due to their non-setting properties.



In a fire situation, Gyproc Putty Pads will activate and expand to fill the space left by burnt out wires and socket boxes, forming a seal that will prevent the passage of fire and smoke.

Gyproc Putty Pads are manufactured to suit both single and double electrical socket boxes.

They are supplied in a cross shape for ease of installation within socket boxes.



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Properties

- Quick and easy to install
- Prevents penetration of both cold and hot smoke
- Self-adhesive and no tools required
- Unaffected by moisture; can be used in wet rooms
- Remains flexible ensuring a secure fit
- Mouldable by hand ensuring a precise install
- Tested for air permeability up to 1,000 Pa
- Contains a low pressure intumescent for optimal fire protection
- Gyproc Putty Pad is pliable and non-setting
- Take care not to over compress
- The SpecSure® Warranty covers British Gypsum Gyproc® Firestopping within new build British Gypsum and Isover partition Systems, performing as specified with a working life of 25 years*.



* The provisions made in the United Kingdom Technical Assessment for Gyproc Firestopping are based on an assumed working life of 25 years, provided that the conditions laid down in the manufacturers datasheet and instructions for the packaging/transport/storage/installation/use/repair are met. See SpecSure® Firestopping Insert for full details here: british-gypsum.com/SpecSure

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General guidance

Tools required

- Screwdriver
- Sharp knife

Ancillary items

- Gyproc Acrylic Fire Sealant
- Mechanical fixings to suit substrate



Health and Safety

- The mechanical effect of fibres in contact with skin may cause temporary itching
- Cover exposed skin
- When working in unventilated area wear a disposable face mask
- Clean area using vacuum equipment
- Waste should be disposed of according to local regulations
- Rinse skin in cold water before washing
- Ventilate working area if possible
- Wear goggles when working overhead
- See the product Safety Data Sheet (SDS) for more information

Supporting constructions

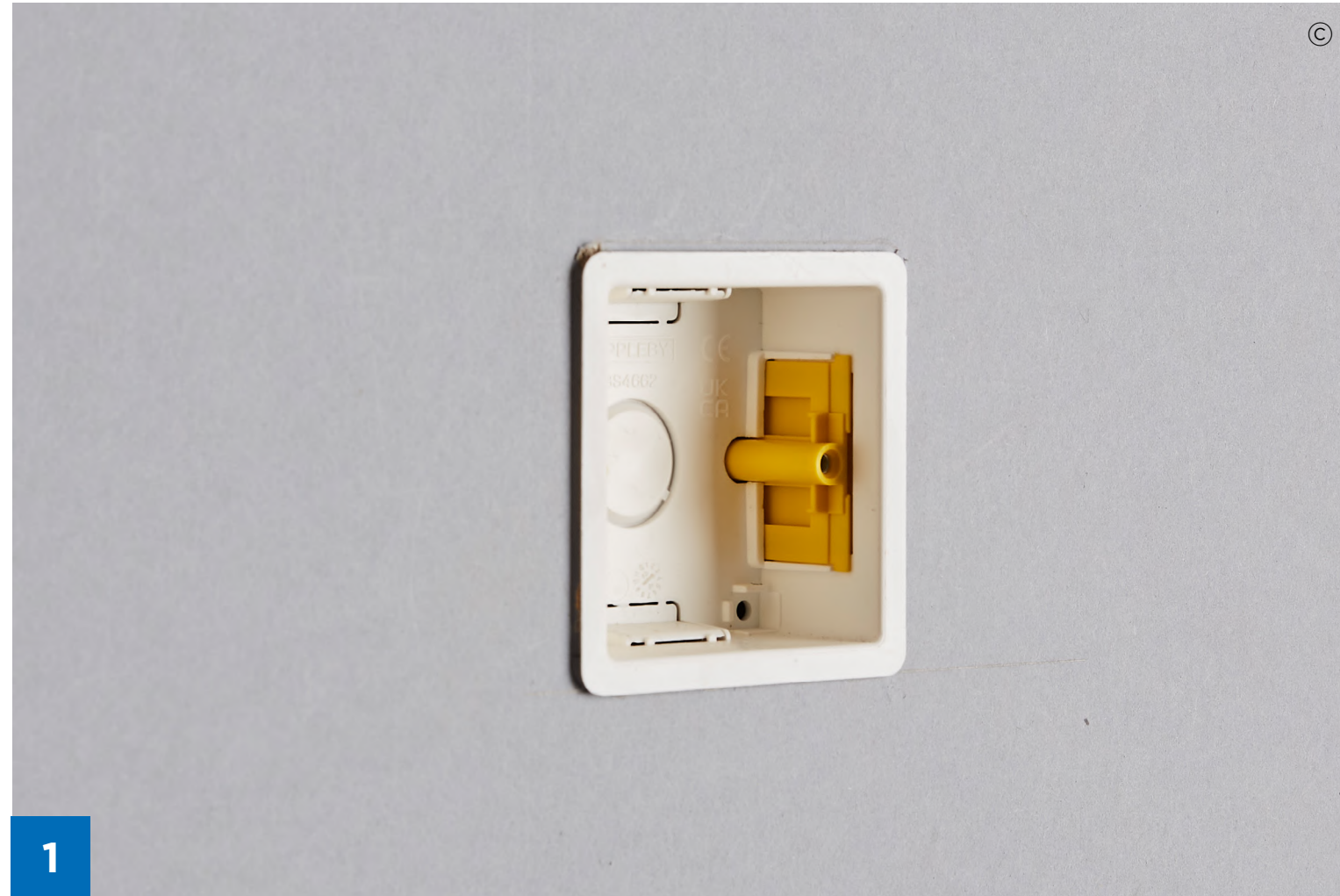
Flexible walls must have a minimum thickness of 100 mm and comprise steel studs or timber studs* lined on both faces with minimum 2 layers of 12.5 mm thick boards.

The supporting construction must have a proven fire resistance rating established through testing in accordance with the appropriate BS EN standard for the element or have a classified performance in line with BS EN 13501-2. The fire resistance rating must be at least equal to the required fire performance.

* Timber studs: no part of the penetration seal may be closer than 100 mm to a stud, and minimum 100 mm of insulation of class A1 or A2 according to BS EN 13501-1 must be provided within the cavity between the penetration seal and the stud.

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The aperture around the socket box should be as tight as possible. Any gaps can be filled using plaster or the Gyproc Acrylic Fire Sealant.

The socket boxes can be fixed directly to drywall studs, timber noggins or steel plates fixed to the studs.

Socket boxes can be situated back-to-back* or side-by-side with zero distance, or further apart on both sides or one side only.

* Note: This will negatively affect the acoustic properties of the construction.



Prior to installing the Gyproc Putty Pad ensure that the surfaces are clean, dry and free from dirt, grease or other contaminants.

Remove the protective paper from the one side of the putty pad and align centrally over the socket box.



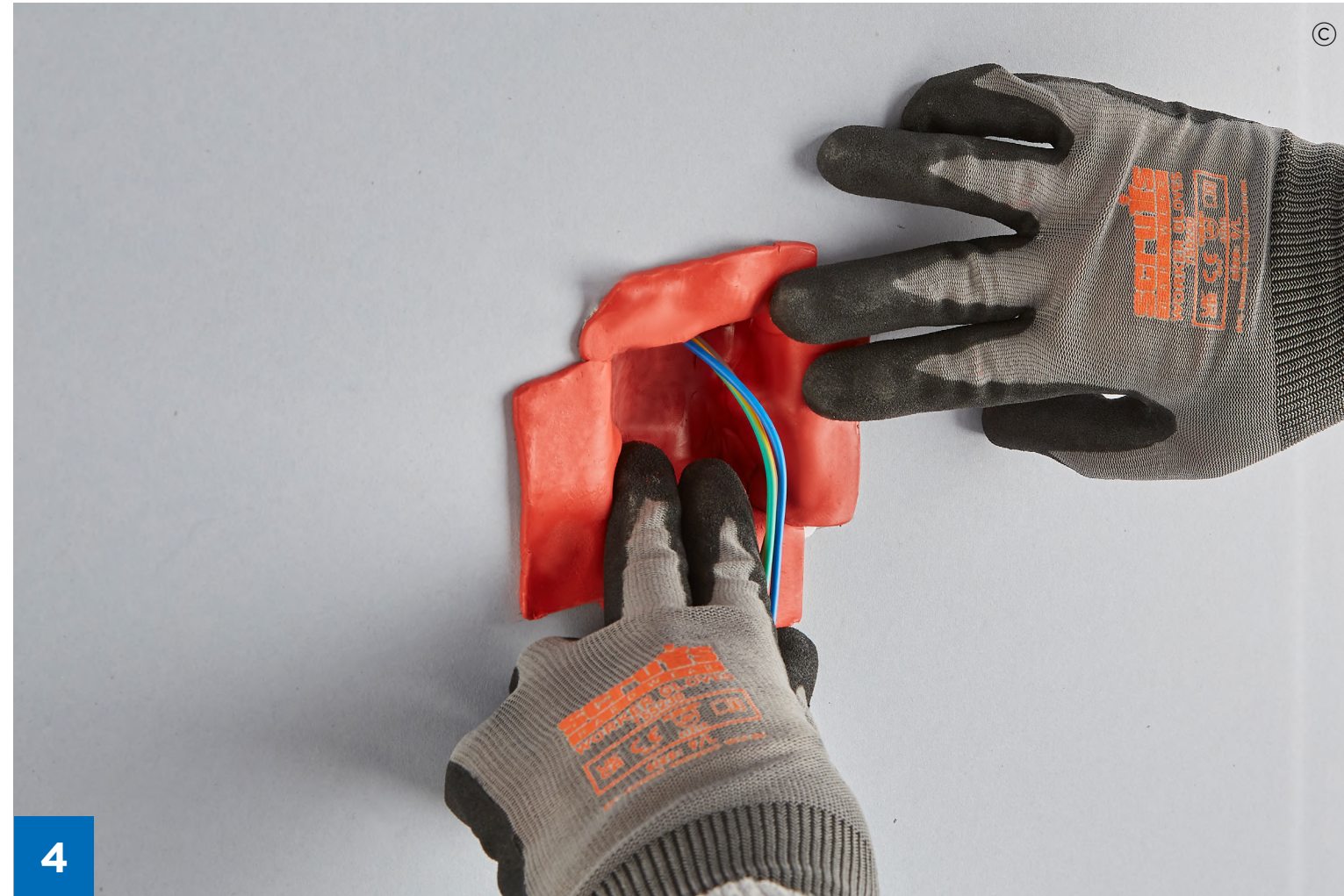
Cut the Gyproc Putty Pad locally to allow the wires to pass through the pad. Remove the protective backing paper.

Insert the pad into the socket box so that the pad completely covers the back and sides.

Gently press the pre-formed putty pad into the socket box to provide a snug fit.

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4 Mould and seal the putty pad around the cables and on the sides of the socket to ensure that the pad is sufficiently bonded with no gaps.



5 Trim off any excess material to leave a flush finish.
Secure the socket box cover.



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