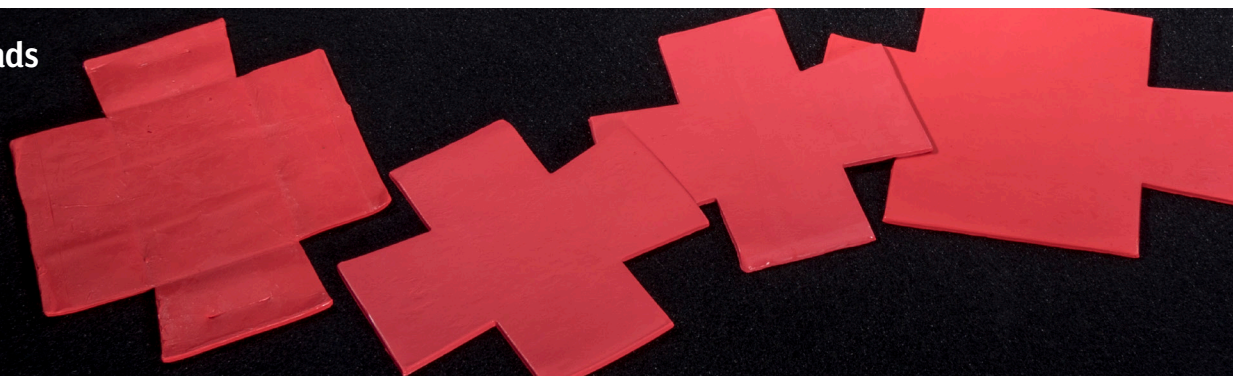


Application:	Penetrations
Fire resistance period:	120 minutes
Insulation/integrity:	IE I20
Test standard:	BS EN 1364-1

## Putty Pads



Pyroplex® Putty Pads are pre-cut ablative pads which have been specifically designed to reinstate the fire performance of the compartment wall when penetrated by electrical sockets, thereby reducing the need for additional backing materials. Putty Pads provide a fast, efficient and clean method of achieving the required fire and acoustic ratings as required by Building Regulations Approved Documents.

The product is a non-halogenated silicone based compound with additional fillers and extenders to produce mouldable and non-setting component. The product can be moulded and used internally and externally around the electrical box.

The product has been tested in accordance with BS EN 1364-1, achieving up to 120 minutes fire resistance.

### FIELD OF APPLICATION

- Can be used in masonry and plasterboard partitions up to 120 minutes fire performance.
- Can be used in conjunction with Metallic and Thermoplastic electrical switch boxes.
- Suitable for use in single and double outlets.
- No mechanical fixings required.
- Coloured light red to distinguish its fire capabilities.

### PRODUCT FEATURES

- Pre-cut ablative pads designed to reinstate the fire performance of the compartment wall when penetrated by electrical outlets.
- They provide fast, efficient and clean method of achieving the required fire performance.

### PRODUCT RANGE

The product is supplied in two specific sizes:

Part no.	Size (mm) nominal dimensions	End use application	Pack size
PUTPAD170	170mm x 170mm x 3.25mm	Single outlet	20 units per box
PUTPAD230	230mm x 170mm x 3.25mm	Double outlet	20 units per box

*Note: Components individual wrapped in a filmic liner*

### INSTALLATION INSTRUCTIONS

#### Internal

To achieve a high quality seal, ensure the socket is clean and free from any dirt, dust and that it is dry. Remove the protective film liner from putty pad. Make a slit in the pad which will enable the cable to be passed through. Press the pad firmly into the socket recess ensuring full contact is made to all sides. Make sure the pad is not damaged or punctured during this process. Remove the remaining film liners and trim off any excess material to leave a neat finish.

#### External

To achieve a high quality seal, ensure the socket is clean and free from any dirt, dust and that it is dry. Remove the protective film liner from putty pad. Mould the component around the extremities of the box to make an effective seal, trimming an excess of material.

### QUALITY APPROVAL

Pyroplex Limited has a Quality Management System that meets the requirements of ISO 9001, and is independently verified by BSI Quality Assurance under Certificate No. FM10371. Copies of this approval are available on request.

### OTHER INFORMATION

The information contained herein is based upon the present state of our knowledge. Recipients of our Pyroplex® products must take responsibility for observing existing laws and regulations.

Due to our policy of continuous improvement Pyroplex Limited reserves the right to amend specifications without prior notice.

## TECHNICAL DATA:

### PRODUCT TESTING

The product has been tested in accordance with BS EN 1364-1 and the general requirements of BS EN1363-1, achieving up to 120 minutes fire resistance. Test report is available upon request.

### STRUCTURAL CONSTRUCTIONS

**Rigid floors:** The floor must have a minimum thickness of 150mm and comprise of aerated concrete or concrete with a minimum density of 650 kg/m<sup>3</sup>.

**Flexible Walls:** The wall must have a minimum thickness of 130mm and comprise either of timber or steel studs lined on both faces with a minimum 2 layers of 15mm Type F Gypsum boards according to EN520. In timber stud walls, no part of the penetration shall be closer than 100mm to a stud, and minimum of 100mm of insulation compliant with Class A1 or A2 according to EN13501-1, be provided within the cavity between the penetration and the stud.

Flexible Wall Constructions - 2 layers of 15mm FR Plasterboard Partition 70mm Steel C Stud (unexposed and unexposed) Single and Doubled Electrical Outlets			
Substrate	Outlet Type	Position of protection	Fire resistance
Gypsum board	Double (230mm x 170mm)	Putty pad externally mounted and internally mounted to the electrical socket outlet	EI 120

For further guidance and information refer to WF378767

### PRODUCT GUARANTEE AND TRACEABILITY

Providing the product is installed in accordance with the requirements of the guidance document the product is guaranteed for a period of 10 years.

### TECHNICAL SUPPORT AND GUIDANCE

Should you require any further information regarding this product please contact Pyroplex Limited or visit our website, [www.pyroplex.com](http://www.pyroplex.com)

## MATERIAL SAFETY DATA:

### COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical nature:** Blend of Polydimethylsiloxanes, mineral fillers and colorants. Substances presenting a health hazard within the meaning of the CHIP regulations or which are assigned

### POSSIBLE HAZARDS

**Principle hazards:** Classification of the Substance: According to EC criteria, the product is not classified as a hazardous preparation.

**Critical hazard to man and environment:** Not applicable.

### FIRST AID MEASURES

**General:** In all cases of doubt or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

**On skin contact:** Remove contaminated clothing. Wash skin thoroughly with soap and water or a recognised skin cleaner. DO NOT USE SOLVENT OR THINNERS.

**On contact with eyes:** Contact lenses should be removed. Irrigate copiously with clean, fresh water. Seek medical advice if irritation persists.

**On ingestion:** If accidentally swallowed wash out mouth with water. DO NOT induce vomiting.

**If inhaled:** Cannot be inhaled under normal circumstances.

### FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Alcohol resistant foam, CO<sub>2</sub>, powder, water spray/mist.

**Recommendations:** Appropriate self-contained breathing apparatus and protective clothing should be worn. Cool closed containers exposed to fire with water spray. Do not allow run off from firefighting to enter drains or water courses.

### ACCIDENTAL RELEASE MEASURES

**Methods for cleaning up:** No special measures required. Scoop up large quantities and place in suitable container for disposal. Do not allow to enter drains or water courses.

### HANDLING AND STORAGE

**Handling:** Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in areas of storage and use. For personal protection see Section 8. Keep containers closed when not in use. Ensure good housekeeping and regular safe removal of waste materials.

THE MANUAL HANDLING OPERATIONS REGULATIONS may apply to the handling of containers/packages of this product. In order to calculate the weight of any pack size, multiply the volume in litres by the specific gravity value given in section 9. This will give the net weight of the product in kilograms. Allowance will then have to be made for the immediate packaging to give the approximate gross weight.

**Storage:** Observe label precautions - Store between 5°C and 25°C in a dry well-ventilated place. Keep away from sources of ignition and direct sunlight. Store separately from oxidizing agents and strongly alkaline and strongly acidic materials. Keep out of reach of children.

### EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Personal protection:** All Personal Protective Equipment (PPE), including Respiratory Protective Equipment (RPE), used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH regulations.

**Respiratory protection:** Not required.

**Hand protection:** When skin exposure may occur, advice should be sought from glove suppliers on appropriate types and usage times for this product. The instructions and information provided by the glove supplier on use, storage, maintenance and replacement must be followed. Barrier creams may help to protect exposed areas of skin, but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

**Eye protection:** Eye protection designed to protect against liquid splashes should be worn.

**Skin protection:** Cotton or cotton/synthetic overalls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a recognised skin cleaner. ALWAYS WASH YOUR HANDS BEFORE EATING, SMOKING OR USING THE TOILET.

### PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Putty-like material
Odour	None
Flash point	>120°C
Specific gravity	1.60-1.66 @ 25°C
Solubility in water	Immiscible

## MATERIAL SAFETY DATA (continued):

### STABILITY AND REACTIVITY

Stable under the recommended storage and handling conditions (see section 7). In a fire, small amounts of formaldehyde may be produced. Keep away from oxidising agents and strongly alkaline and strongly acidic materials.

### TOXICOLOGICAL INFORMATION

There is no data available on the preparation itself.

The product has been assessed following the conventional method in CHIP and is classified for toxicological hazards accordingly. This takes into account, where known, delayed and immediate effects and chronic effects of components from short and long term exposure by oral, inhalation and dermal routes of exposure and eye contact. See sections 2 and 15 for details of the resulting hazard classification.

### ECOLOGICAL INFORMATION

**General advice:** There is no data available on the preparation itself. According to data on the components, it is considered to be: Not Biodegradable, Not potentially Bioaccumulable and Not have any known adverse effects on aquatic organisms tested.

It is not classified as Dangerous for the Environment according to EC criteria.

Do not allow to enter drains or water courses or be deposited where it can affect ground or surface waters. The product is insoluble in water.

**PBT and vPvB assessment:** This product is not identified as a PBT or vPvB product.

### DISPOSAL CONSIDERATIONS

Do not allow to enter drains or water courses. Wastes, including emptied containers, are controlled waste and should be disposed of in accordance with regulations made under the 'Control of Pollution Act' and the 'Environmental Protection Act'. Using information provided in this data sheet, advice should be obtained from the relevant Environment Agency whether the Special Waste Regulations apply.

### TRANSPORT INFORMATION

**Transport within the users premises:** Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Onward transport subsequent to purchase:** Transport to be in accordance with ADR for road, IMDG for sea and ICAO/IATA for air.

**Proper shipping name:** This product is not classified as dangerous for carriage.

### REGULATORY INFORMATION

The product is determined as not being dangerous according to the CHIP Regulations. However, the following precautions should be observed:

#### S Phrases

S2 Keep out of reach of children

S24/25 Avoid contact with skin and eyes

S26 In case of contact with eyes, rinse immediately with plenty of water and if necessary seek medical advice

S28 After contact with skin, wash immediately with plenty of soap and water or a recognised skin cleaner

The information contained in this safety data sheet does not constitute the users own assessment of workplace risks as required by other health and safety legislation. The provisions of the Health and Safety at Work act and the Control of Substances Hazardous to Health regulations apply to the use of this product at work.

### OTHER INFORMATION

#### RISK PHRASES used in section 2

#### WARNING SYMBOLS used in section 2- NOT CLASSIFIED

The information contained in the Health and Safety Data Sheet is provided in accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. The product should not be used for purposes other than those identified without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. This information contained in the safety data sheet is based on present knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular application.