

# FIRE PILLOWS

## P4 Fire Pillows

TECH SHEET: PAS-11

Issue: 15-09-06

**Fire rated pillows containing non-combustible rockwool in a woven fabric cover**

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### DESCRIPTION

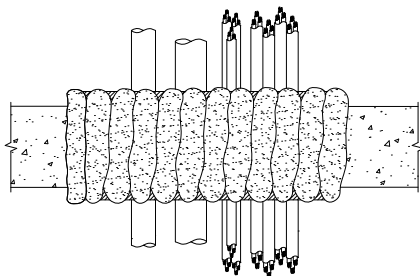
Fire rated pillows containing non-combustible rockwool in a woven fabric cover suitable for sealing larger penetrations and expansion joints for up to 3 hours of fire resistance.

### APPLICATIONS

Expansion joints, penetrations through concrete and brick walls and floors containing electrical cables and cable trays and metal pipes. Should be used in conjunction with Pyropanel Multiflex and Pyropanel Intumex F for maximum fire resistance.

### FEATURES

- Fully certified to Australian Standards AS1530.4 and AS4072.1 for up to 3 hours of fire rating depending on the construction element they are installed in
- Light weight and very easy to use
- 3 sizes available
- Not suitable for external use
- Maximum penetration size for floors and walls:
  - 400mm on shortest side x any length
  - 400-500mm on shortest side, max area 0.75m<sup>2</sup>
  - 500-600mm on shortest side, max area 0.75m<sup>2</sup>, with additional row of Pyropanel PS expanding fire pillows along both longest sides
- Use with Pyropanel Multiflex fire rated acrylic sealant and Pyropanel Intumex F fire rated putty for maximum fire resistance
- **Note:** for uninsulated metal penetrations, an insulation shield may be required to maintain insulation level due to heat transfer via the penetrating element.
- *For dust free applications, refer PAS-12 Pyropanel intumescent fire pillows*
- *For long spans, refer to PAS-13 Pyropanel fire snake*



Example of P4 fire pillows sealing electrical cables and copper or ferrous pipes, in a floor penetration

### INSTRUCTIONS

1. Firmly pack pillows into penetration opening, ensuring the pillows are compressed to approximately 30mm thick.
2. Ensure that the pillow is orientated so that there is at least 200mm between fire and non fire sides
3. Pack material tight against pipes, cables and cable tray, ensuring all gaps and voids are filled
4. Fill all gaps between pillows and between pillows and penetrations and surrounding substrate to a depth of 50mm with Pyropanel Multiflex

### RATING

| Application                          | Rating          |
|--------------------------------------|-----------------|
| Concrete and masonry walls and floor | Up to -/180/180 |

**Note:** Rating is maximum rating, and is dependant on fire rating of surrounding substrate - check with Pyropanel for latest test approvals if in doubt

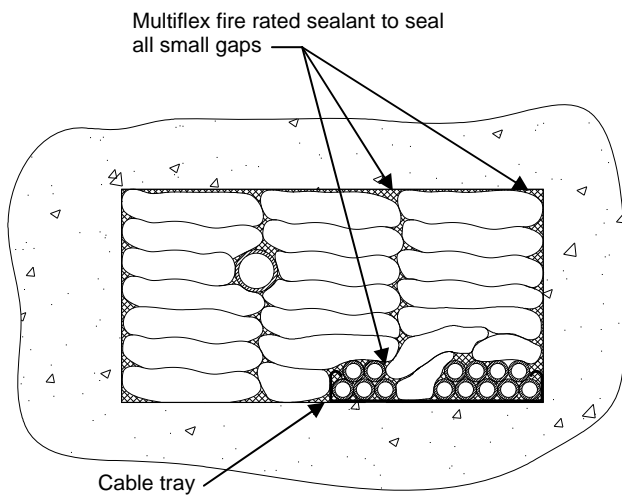
### MODELS AVAILABLE

| Product code | Product          | Size      | Compressed thickness |
|--------------|------------------|-----------|----------------------|
| PLTP41       | P4-1 Fire pillow | 200 x 100 | 30mm                 |
| PLTP42       | P4-2 Fire pillow | 200 x 200 | 30mm                 |
| PLTP43       | P4-3 Fire pillow | 200 x 300 | 30mm                 |

### HOW TO SPECIFY

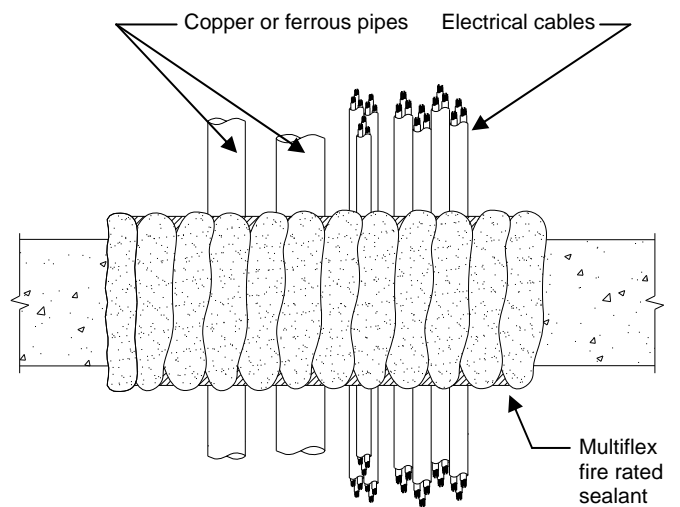
*Eg, "Seal penetration using Pyropanel "P4 Fire Pillows", Pyropanel Multiflex fire rated acrylic sealant, and Pyropanel Intumex F as required, and installed as per manufacturers instructions"*

### BUILDING IN DETAILS



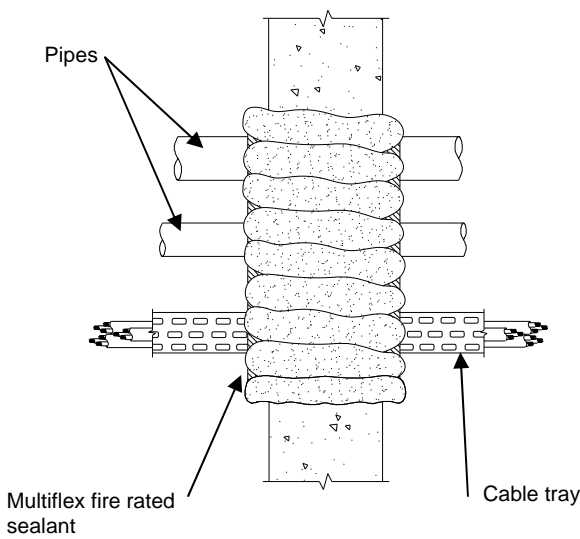
**Typical elevation view of wall**

Example of P4 fire pillows sealing electrical cables in a cable tray, and copper or ferrous pipes, in a wall penetration



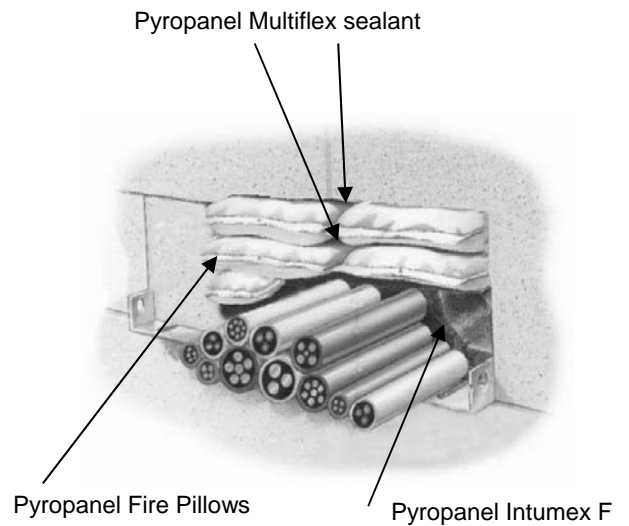
**Typical section view of floor**

Example of P4 fire pillows sealing electrical cables and copper or ferrous pipes, in a floor penetration



**Typical section view of wall**

Example of P4 fire pillows sealing electrical cables and copper or ferrous pipes, in a wall penetration



Example of P4 fire pillows sealing electrical cables and copper or ferrous pipes, in a wall penetration with Pyropanel Multiflex fire rated acrylic sealant and Pyropanel Intumex F