

FIRE PILLOWS

PS Expanding Fire Pillows

TECH SHEET: PAS-12

Issue: 23-10-07

Expanding fire rated pillows containing intumescent material in a dust free cover

DESCRIPTION

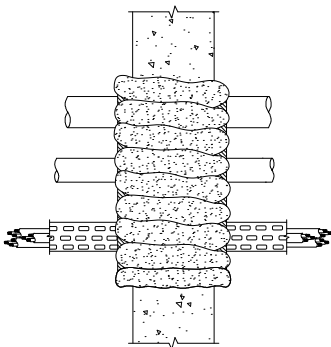
Expanding fire rated pillows containing expanding intumescent material in a dust free cover in suitable for sealing larger penetrations and expansion joints for up to 3 hours of fire resistance.

APPLICATIONS

Expansion joints, penetrations through concrete and brick walls and floors containing electrical cables and cable trays and metal pipes. Pyropanel PS expanding fire pillows are especially useful for computer rooms, power stations, and applications that require cables and pipes to pass through walls and floors without the reduction of the fire rating, and with a requirement of a dust free fire barrier.

FEATURES

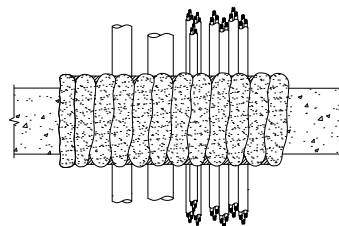
- Fully certified to Australian Standards AS1530.4 and AS4072.1 for up to 4 hours of fire rating depending on the construction element they are installed in
- Light weight and very easy to use
- Dust free polyurethane bag
- 2 sizes available
- Not suitable for external use
- Maximum penetration size for floors is: 0.75m² when used in conjunction with Pyropanel P4 fire pillows (*contact Pyropanel for more approval information*)
- Maximum penetration size for walls is: 0.5m²
- Use with Pyropanel Multiflex fire rated acrylic sealant and Pyropanel Intumex F fire rated putty for maximum fire resistance
- For long spans, refer to PAS-13 Pyropanel fire snake



Example of expanding fire pillows sealing electrical cables in a cable tray, and copper or ferrous pipes, in a wall penetration (elevation).

INSTRUCTIONS

1. Loosely pack pillows into penetration opening.
2. Ensure that the pillow is orientated so that there is at least 100mm between fire and non fire sides.
3. Pack material against cables and cable tray, ensuring all gaps and voids are filled.
4. Fill all gaps between pillows and between pillows and surrounding substrate to a depth of 50mm with Pyropanel Multiflex.



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

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
PLPS300	PS300 expanding fire pillow	340 x 125	30mm
PLPS750	PS750 expanding fire pillow	340 x 220	30mm

HOW TO SPECIFY

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



Pyropanel Developments Pty Ltd
 122-124 Beresford Rd, Lilydale, VIC, 3140
 Ph: (03) 9739 3100 Fax: (03) 9739 3115
 Email: sales@pyropanel.com.au
 Web: www.pyropanel.com.au

Distributed by: