

# THE 30 SECOND FIRE SEAL, APPLY IN JUST 30 SECONDS



## TECHNICAL DATA SHEET

### Penopatch™

EDITION: 5

PUBLISHED: DECEMBER 2025

APPROVED TO AS1530.4: 2014 & AS4072.1-2005

Flexible & versatile fire rated patch for fast treatment of small cables & pipe penetrations.



## CONTENTS

1. Introduction .....	2
2. Product applications & Advantages .....	2
3. Physical Properties .....	3
4. Installation .....	3
5. Common applications .....	3
6. Performance Specifications .....	4
7. Boss Fire System Matrix .....	4
8. Storage & Disposal .....	4
9. Health and Safety .....	4
10. Is this Publication Current? .....	4
11. Limitation .....	5
12. Further Information .....	6

## KEY BENEFITS

- Low cost
- Fast 30 second installation
- Fire rated up to 60 minutes
- Simple to identify, audit & certify
- No curing time
- Versatile - use on a variety of services

## 1. INTRODUCTION

BOSS PenoPatch™ is a low cost, simple method of sealing blank openings, individual cables, small bundles of cables, pipes and conduits in a range of 1hr fire walls. Made with a fire resistant advanced formula putty with a strong bonding capability, the BOSS PenoPatch™ simply presses onto the wall around the service and instantly provides up to a 60 minute fire rating.

BOSS PenoPatch™ is supplied in the form of a 60mm diameter discs in packs of 20 units. (100mm Diameter BOSS PenoPatch™ is also available upon request. Contact the BOSS office for minimum order quantities).

The BOSS PenoPatch™ has been tested and approved to various international standards including AS1530.4-2014, AS4072.1-2005 and BS EN1366-3: 2009. It has been tested on some of the most onerous conditions including single layer plasterboard systems. Under fire conditions the product maintains its bond to the substrate. The integrity and insulation is then maintained by the stability of the remaining product char.

Ideal for Electricians, Plumbers & Gasfitters, HVAC&R installers, maintenance personnel and passive fire applicators.



## 2. PRODUCT APPLICATIONS & ADVANTAGES

- Up to 16mm Dia. Pipes including:
  - Combustible pipes
  - Combustible Conduits
  - PEX Pipe
  - Steel & Copper Pipes
- Data Cables
- Power Cables such as TPS
- Small Cable Bundles
- Blank Openings
- Suitable for use in new and existing builds
- The most simple installation method available
- No mess - no clean up
- Ease of certification
- Approved on a wide range of substrates including plasterboard, masonry and concrete walls.

### 3. PHYSICAL PROPERTIES

Description	Advanced Formula FR Putty
Size	60mm Dia. x 4mm Thick 100mm Dia. x 4mm Thick
Density	1.55-1.6g/cm <sup>3</sup>
Colour	Green
Box Quantity	20
Expected Shelf Life	12 Months (Store unopened in dry conditions).
Testing	AS1530.4-2014, BS EN1366-2009

### 4. INSTALLATION

- Ensure the aperture and services in question are tested or assessed with BOSS PenoPatch™, and site conditions are within the application specification.
- Ensure your aperture size meets with the appropriate tested solution.
- All services and apertures need to be thoroughly cleaned and free of dust and debris or loose particles.
- The aperture needs to be at 5°C or above at time of installation.
- Simply peel off the backing paper, exposing the tacky rear face of the BOSS PenoPatch™.
- Ensure the BOSS PenoPatch™ will be applied with the slot facing down towards the floor.
- Apply the BOSS PenoPatch™ around the service and press firmly with fingers moulding the BOSS PenoPatch™ to fully encircle the service and adhere to the wall surface. Maintain pressure for a period of 30 seconds to ensure correct bond.

### 5. COMMON APPLICATIONS



CAT6 Data Cables



TPS Power Cables



PEX Pipe up to 16mm Ø

## 6. PERFORMANCE SPECIFICATIONS

BOSS PenoPatch has approvals to AS1530.4: 2014 and AS4072.1-2005 for a wide variety of applications.



**IMPORTANT:** In order to ensure performance and compliance, passive firestopping products must be installed in accordance with the test evidence, manufacturer's specifications or be the subject of a performance solution.

Each project and/or application may have specific requirements and you should investigate these carefully.

Ensure that you read and understand the appropriate certification and how it relates to your specific construction details, and ensure you seek acceptance from the Certifying Authority or compliance inspector before installation.

Ensure your installation is carried out in accordance with the test certification, manufacturer's instructions, and in accordance with the relevant local building regulations, National Construction Code or Building Code.

For updates on the range of BOSS Fire® certification, please contact BOSS Technical Services. **AU:** 1300 502 677 **NZ:** 0800 502 677 **Int:** +61 2 9524 4040 **Email:** [info@bossfire.com](mailto:info@bossfire.com)

## 7. BOSS FIRE SYSTEM MATRIX

For specific summary information on the approved systems relevant to PenoPatch™ please refer to the **BOSS Fire System Matrix**. The **BOSS Fire System Matrix** is a filterable summary document containing information to help select the appropriate system relevant to your building application. Associated Test and Assessment Reports are also available for download from the Resources page at [bossfire.com/resources](http://bossfire.com/resources).

## 8. STORAGE & DISPOSAL

Store PenoPatch™ in a cool dry, well-ventilated area. Store in original packaging between 5°C and 25°C. Storage outside these parameters may reduce shelf life and invalidate product warranties.

## 9. HEALTH AND SAFETY

To learn more about the safe handling of PenoPatch™ see the Safety Data Sheet available at [bossfire.com](http://bossfire.com)

## 10. IS THIS PUBLICATION CURRENT?

This document may be superseded by new versions. If you are unsure of whether or not this document is a current publication, please contact us. **AU:** 1300 502 677 **NZ:** 0800 502 677 **Int:** +61 2 9524 4040 **Email:** [info@bossfire.com](mailto:info@bossfire.com)

## 11. LIMITATION

---

BOSS Passive Fire Pty Ltd has provided the above technical information in good faith and to the best of its knowledge. This information was deemed to be correct at the time of publication. Should any data come to BOSS Passive Fire's attention relating to the fire resistance or performance of the product described BOSS Passive Fire reserve the right to amend this report.

BOSS Passive Fire strive to constantly improve and develop products so this information may change without notice. The information contained herein has been developed as a guide only and it does not constitute a guarantee of compliance of all applications. Each project and/or application may have specific requirements and you should investigate these carefully. Ensure that you have read and understood the appropriate certification relative to your needs, and ensure you seek acceptance from the Certifying Authority or compliance inspector before installation. For updates on the range of BOSS Fire® certification, please contact BOSS Technical Services. **AU:** 1300 502 677 **NZ:** 0800 502 677 **Int:** +61 2 9524 4040 **Email:** info@bossfire.com



## Further Information

---

For additional technical information on the performance of **PenoPatch™**, other **BOSS Fire®** products or any other BOSS Fire® related information please contact us on:



**AU:** 1300 502 677  
**NZ:** 0800 502 677



[sales@bossfire.com](mailto:sales@bossfire.com)  
[www.bossfire.com](http://www.bossfire.com)

