FireStrip-ALX™

Fire rated fire barrier designed for linear gap seals in horizontal and vertical applications
Approved to AS1530.4: 2014 & AS4072.1-2005

Technical Data Sheet

Edition 2
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Fast and simple fire protection for linear gap seals....

KEY BENEFITS

- Approved to AS1530.4: 2014 & AS4072.1-2005
- Fire rated up to FRL -/240/240
- Tested in linear joints up to 150mm wide
- Very fast installation, simply friction fit
- Highly flexible, making install easy
- Tested practically, with the installer in mind
- No special tools required
- Halogen free, resists fungi and vermin

INTRODUCTION

FireStrip-ALX™ is elastomeric foam laminated with a graphite based intumescent layered on both sides. It is designed to perform as a fire barrier in construction movement joints and is approved to AS1530.4: 2014 & AS4072.1-2005. It is designed for linear installations in horizontal and vertical applications.

FireStrip-ALX™ is suitable for use between rigid horizontal and vertical fire resistant structural elements.

FireStrip-ALX™ is a flexible product that expands when exposed to heat and provides up to an FRL of -/240/240.

PHYSICAL SPECIFICATION

Colour	Black
Density	75Kg/m^3
Fire Resistance	Up to 4hrs
Acoustic Performance	Acoustic Reduction up to 8Rw, 18DnTW EN10140
Air Permeability Testing	200Pa EN 1026 - 100Pa 1581/1590 m3 /h/m2 (EN1026). 600Pa - 100Pa 3.3/1.7 m3 /h/m2 with FlexiCoat-MAK. (EN1026).
Expansion Ratio	Up to 20 times
Max. Size of Aperture	150mm
Max. Size of Seal	170mm
Linear Gap Seal Length	1000mm
Seal Width	Various – see table
Movement Capability	Compression – up to 75% Extension – up to 50% depending on product size
Compression	Up to 75%
Expansion	40%

PERFORMANCE SPECIFICATIONS

FireStrip-ALX™ is approved to AS1530.4: 2014 and AS4072.1-2005 offering up to FRL -/240/240.

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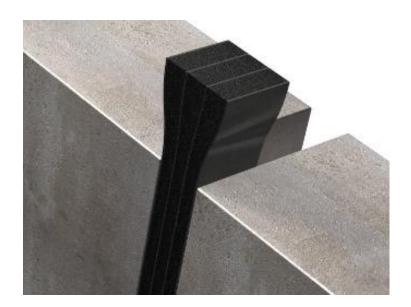
Each project and/or application may have specific requirements and you should investigate these carefully.

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. +612 9531 8591 OR info@bossfire.com.au

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BOSS FIRE SYSTEM MATRIX

For specific summary information on the approved systems relevant to P40-MAK Wrap™ 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.au/resources.

INSTALLATION

1. Ensure you have the correct size FireStrip-ALX Product relative to the gap size you wish to fill in accordance with the product certification.
2. Clean up any loose debris, or large jagged edges on the two substrates in which the FireStrip-ALX™ will be placed. Ensure that both surfaces are clean of dust and other debris.
3. Compress the FireStrip-ALX™ with your fingers and push the starting edge into the gap at one end. (Ensure the end is neatly compressed up against the substrate).
4. Continue to move along the strip, compressing the strip and pushing into the gap as you move along until the gap is completely filled. Be mindful not to stretch the FireStrip-ALX™ as you feed it into the gap, as it may shrink later back to its original size and not function correctly.
5. Once the gap is full, the FireStrip-ALX™ can be cut off to suit the length of the gap required. When cutting, ensure that the FireStrip-ALX™ is cut slightly longer than required so that once compressed and pushed into place, that it neatly meets the substrate and is free from any gaps.
6. Finally check the entire length of FireStrip-ALX™ is neatly pressing against the substrate around the entire perimeter of the FireStrip-ALX™.
7. When abutting multiple lengths of FireStrip-ALX™, it is critical that each length is hard up against the following length without any gaps. Gaps will likely lead to failure of the system.
8. The steps above can be repeated for the length of the linear gap requirement.

PRODUCT SIZES AVAILABLE

Product Code	Nominal Dimensions
ALX-10	12mm x 12 mm x 1m
ALX-20	29mm x 12 mm x 1m
ALX-25	32mm x 20 mm x 1m
ALX-35	53mm x 20 mm x 1m
ALX-50	61mm x 35 mm x 1m
ALX-65	85mm x 40 mm x 1m
ALX-75	90mm x 50 mm x 1m
ALX-100	126mm x 100 mm x 1m
ALX-150	170mm x 100 mm x 1m

HEALTH AND SAFETY

To learn more about the safe handling of FireStrip-ALX™, see the Safety Data Sheet available at bossfire.com

IS THIS PUBLICATION CURRENT?

This document may be superseded by new versions. If you are unsure of whether this document is a current publication, please call us on +61 2 9531 8591 to confirm.

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 on +61 2 9531 8591.

FURTHER INFORMATION

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

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