

Certificate of Product Approval

Certificate Number: 022b(2)

Issue: 03

ROCKWOOL LIMITED

Wern Tarw,
Pencoed,
Bridgened,
Mid Glamorgan
CF35 6NY,
United Kingdom

is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirements of the standard(s) as detailed below:

Products

Linear Gap Seals

Linear and Trapezoidal Firestop Systems

Standards

LPS 1132: Issue 4

Requirements and Tests for LPCB Approval of Wall and Floor Penetration and Linear Gap Seals.

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Damien Ward

Signed for LPCB

Damien Ward

Certification Scheme Manager

07 April 2016

Date of Issue

26 October 2009

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Appendix to Certificate No: 022b(2) ROCKWOOL LIMITED

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Product Name	Product Type(s)	Wall Width (mm)	Firestop Width (mm)	Application	Fire Resistance (min)		LPCB Ref. No.
					Integrity	Insulation	
Rockwool FirePro™ Linear and Trapezoidal Firestop Systems	Trapezoidal Firestop 2B & Linear Firestop 2A	100	100	Profiled metal deck over blockwork wall, deck profiles running across wall line	120	120	022b/03
	Trapezoidal Firestop 2B & Linear Firestop 2A	150	150	Profiled metal deck over blockwork wall, deck profiles running across wall line	180	180	022b/03
	Trapezoidal Firestop 2B & Linear Firestop 2A	200	200	Profiled metal deck over blockwork wall, deck profiles running across wall line	240	240	022b/03
Rockwool FirePro™ Linear and Trapezoidal Firestop Systems	Trapezoidal Firestop 2B & Linear Firestop 2A	100	100	Profiled metal deck over blockwork wall, deck profiles running in line with wall line	120	120	022b/03
	Trapezoidal Firestop 2B & Linear Firestop 2A	150	150	Profiled metal deck over blockwork wall, deck profiles running in line with wall line	180	180	022b/03
	Trapezoidal Firestop 2B & Linear Firestop 2A	200	200	Profiled metal deck over blockwork wall, deck profiles running in line with wall line	240	240	022b/03
Rockwool FirePro™ Linear and Trapezoidal Firestop Systems	Trapezoidal Firestop 2B & Linear Firestop 2A	100	100	Profiled metal deck over blockwork wall, single deck profile running in line, but asymmetrical with wall line	120	120	022b/03
	Trapezoidal Firestop 2B &	150	150	Profiled metal deck over blockwork wall, single	180	180	022b/03

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Product Name	Product Type(s)	Wall Width (mm)	Firestop Width (mm)	Application	Fire Resistance (min)		LPCB Ref. No.
					Integrity	Insulation	
	Linear Firestop 2A			deck profile running in line, but asymmetrical with wall line			
	Trapezoidal Firestop 2B & Linear Firestop 2A	200	200	Profiled metal deck over blockwork wall, single deck profile running in line, but asymmetrical with wall line	240	240	022b/03
Rockwool FirePro™ Linear and Trapezoidal Firestop Systems	Trapezoidal Firestop 2B & Linear Firestop 2A	100	100	Profiled metal deck over blockwork wall, two deck profiles running in line, but asymmetrical with wall line	120	120	022b/03
	Trapezoidal Firestop 2B & Linear Firestop 2A	150	150	Profiled metal deck over blockwork wall, two deck profiles running in line, but asymmetrical with wall line	180	180	022b/03
	Trapezoidal Firestop 2B & Linear Firestop 2A	200	200	Profiled metal deck over blockwork wall, two deck profiles running in line, but asymmetrical with wall line	240	240	022b/03
Rockwool FirePro™ Linear and Trapezoidal Firestop Systems	Trapezoidal Firestop 2B & Linear Firestop 2A	100	100	Profiled metal deck over blockwork wall, trapezoidal deck profiles running across wall line	120	120	022b/03
	Trapezoidal Firestop 2B & Linear Firestop 2A	150	150	Profiled metal deck over blockwork wall, trapezoidal deck profiles running across wall line	180	180	022b/03
	Trapezoidal Firestop 2B & Linear Firestop	200	200	Profiled metal deck over blockwork wall, trapezoidal deck profiles	240	240	022b/03

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					Integrity	Insulation	
	2A			running across wall line			
Rockwool FirePro™ Linear and Trapezoidal Firestop Systems	Linear Firestop 2A & Dovetail Infil Strips	100	100	Profiled metal composite deck over blockwork, Dovetail deck profiles running across wall line	120	120	022b/03
	Linear Firestop 2A & Dovetail Infil Strips	150	150	Profiled metal composite deck over blockwork, Dovetail deck profiles running across wall line	180	180	022b/03
	Linear Firestop 2A & Dovetail Infil Strips	200	200	Profiled metal composite deck over blockwork, Dovetail deck profiles running across wall line	240	240	022b/03
Rockwool FirePro™ Linear and Trapezoidal Firestop Systems	Trapezoidal Firestop 2B & Linear Firestop 2A	100	100	Profiled metal composite deck over blockwork, Trapezoidal deck profiles running in line with wall line	120	120	022b/03
	Trapezoidal Firestop 2B & Linear Firestop 2A	150	150	Profiled metal composite deck over blockwork, Trapezoidal deck profiles running in line with wall line	180	180	022b/03
	Trapezoidal Firestop 2B & Linear Firestop 2A	200	200	Profiled metal composite deck over blockwork, Trapezoidal deck profiles running in line with wall line	240	240	022b/03
Rockwool FirePro™ Linear and Trapezoidal Firestop	Trapezoidal Firestop 2B	100	100	Profiled metal deck supported by steel universal beam (steel)	120	120	022b/03

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Product Name	Product Type(s)	Wall Width (mm)	Firestop Width (mm)	Application	Fire Resistance (min)		LPCB Ref. No.
					Integrity	Insulation	
Systems				beam fire protected by boxed board system). Fire resistance times quoted cannot exceed fire resistance of protected beams			
	Trapezoidal Firestop 2B	150	150	Profiled metal deck supported by steel universal beam. Fire resistance times quoted cannot exceed fire resistance of protected beams	180	180	022b/03
	Trapezoidal Firestop 2B	200	200	Profiled metal deck supported by steel universal beam. Fire resistance times quoted cannot exceed fire resistance of protected beams	240	240	022b/03
Rockwool FirePro™ Linear and Trapezoidal Firestop Systems	Trapezoidal Firestop 2B	100	100	Profiled metal composite deck supported by steel universal beam. Fire resistance times quoted cannot exceed fire resistance of protected beams	120	120	022b/03
	Trapezoidal Firestop 2B	150	150	Profiled metal composite deck supported by steel universal beam. Fire resistance times quoted cannot exceed fire resistance of protected	180	180	022b/03

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					Integrity	Insulation	
				beams			
	Trapezoidal Firestop 2B	200	200	Profiled metal composite deck supported by steel universal beam. Fire resistance times quoted cannot exceed fire resistance of protected beams	240	240 Fire	022b/03
Rockwool FirePro™ Linear and Trapezoidal Firestop Systems	Linear Firestop 2A	100	100	Plain concrete deck over blockwork wall	120	120	022b/03
	Linear Firestop 2A	150	150	Plain concrete deck over blockwork wall	180	180	022b/03
	Linear Firestop 2A	200	200	Plain concrete deck over blockwork wall	240	240	022b/03
Rockwool FirePro™ Linear and Trapezoidal Firestop Systems	Linear Firestop 2A	100	100	Plain concrete deck over blockwork wall, principle of multi-layering fire stops. The head of wall void can be filled by layering two or three firestops provided that the layers thickness does not exceed wall width and the compression/tightness of fit note above is followed	120	120	022b/03
	Linear Firestop 2A	150	150	Plain concrete deck over blockwork wall, principle of multi-layering fire stops. The head of wall void can be filled by layering two or	180	180	022b/03

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					Integrity	Insulation	
				three firestops provided that the layers thickness does not exceed wall width and the compression/tightness of fit note above is followed			
	Linear Firestop 2A	200	200	Plain concrete deck over blockwork wall, principle of multi-layering fire stops. The head of wall void can be filled by layering two or three firestops provided that the layers thickness does not exceed wall width and the compression/tightness of fit note above is followed	240	240	022b/03
Rockwool FirePro™ Linear and Trapezoidal Firestop Systems	Trapezoidal Firestop 2B & Linear Firestop 2A	100	100	Profiled concrete deck over blockwork. Deck profiles running in either direction	120	120	022b/03
	Trapezoidal Firestop 2B & Linear Firestop 2A	150	150	Profiled concrete deck over blockwork. Deck profiles running in either direction	180	180	022b/03

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Notes:

1. When the Firepro Linear and Trapezoidal Firestop Seals are being installed they must be a tight and an accurate fit, closely following the profile of the gap. The Firepro Linear Firestop 2A material must be compressed by at least 5%.
2. Gaps between the top of the wall and the soffit of the deck/floor of sizes, other than the tested depth of 25mm, may be sealed providing that the Firepro Linear Firestop 2A is compressed by at least 5%. If more than one layer is used, the layers should be installed simultaneously to ensure that the full width of the gap is uniformly filled.
3. The maximum gap size covered by this approval between the top of the wall and the soffit of the deck/floor is the thickness of the wall.
4. Where the deck voids run parallel but outside the line of the blockwork wall, Firestop 2A should be fixed to the deck above at maximum 350mm centres.
5. Care should be taken that any joints between lengths of Firepro Linear Firestop material should be fitted tightly together with no gaps.
6. Therefore this certificate applies to gaps over walls constructed of dense aggregate concrete, lightweight aggregate concrete, clay bricks or concrete blocks, which have a density greater than 400kg/m³.
7. This certificate applies to any trapezoidal or dovetail steel deck providing the cavity of the trapezoidal or dovetail steel deck can be adequately filled with the Rockwool Firepro Linear Firestop system.
8. When the gap being sealed and is located between a structural steel beam and a profiled steel deck, with or without concrete, the beam should be fire protected with a suitable board system.
9. It is assumed that the steel deck will remain horizontal or bow downwards in the event of a fire. If there is a possibility that the configuration of the steel deck and wall or beam being considered is such that an upward deformation of the deck is likely, then a reduced fire performance of the seal can be expected.
10. Refer to manufacturer's technical literature for fixing details.

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