



PSB Singapore

CERTIFICATE OF CONFORMITY

No. CLS1A 080625 0006 Rev. 00

Initial No. CLS1A 15 03 80625 003

Certificate Holder:

Airflex Pte Ltd

Blk 1046 Eunos Avenue 5 #01-137
Singapore 409746
SINGAPORE

UEN - 200812402W

Certification Mark:



Product:

Fire Stopping Materials

Brand Name:

POLYSEAM

Model(s):

1st Firesil FR-5

Product Details:

A Linear Joint Gaps Sealing System for concrete floor and wall

Standard(s):

BS 476-20:1987

Country of Origin:

United Kingdom

Test Report(s):

WF 150608

Valid until:

2028-03-19

Products listed under Class 1A must have TÜV SÜD PSB PLS mark as shown above affixed/printed on them. Failure to comply with this requirement may result in revocation of this certificate.

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Issued on: 2023-03-14

Vice-President (Certification Department)
TÜV SÜD PSB



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Product Details:*Fire Performance of Linear Joint Gaps Sealing System*

Separating Element	Specimen	Gap Width (mm)	Method of Sealing	Integrity (mins)	Insulation (mins)
150mm thick concrete wall	A	20	Unexposed fire side was sealed with 10mm thick of intumescent acrylic sealant, using a Ø20mm polyethylene rod as backing	240	120
	B	40	Unexposed fire side was sealed with 20mm thick of intumescent acrylic sealant, using a Ø40mm polyethylene rod as backing	240	90
	C	10	Unexposed fire side was sealed with 10mm thick of intumescent acrylic sealant, using a 10mm polyethylene rod as backing	240	240
	D	25	Unexposed fire side was sealed with 20mm thick of intumescent acrylic sealant, using a Ø25mm polyethylene rod as backing	240	120

Refer to WF 150608 for details

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Fire Performance of Linear Joint Gaps Sealing System

Separating Element	Specimen	Gap Width (mm)	Method of Sealing	Integrity (mins)	Insulation (mins)
150mm thick concrete floor	E	20	Unexposed fire side was sealed with 10mm thick of intumescent acrylic sealant, using a Ø20mm polyethylene rod as backing	150	30
	F	50	Unexposed fire side was sealed with 25mm thick of intumescent acrylic sealant, using a 50mm x 25mm polyethylene block as backing	240	90
	G	10	Unexposed fire side was sealed with 6mm thick of intumescent acrylic sealant, using a 10mm polyethylene rod as backing	240	180
	H	25	Unexposed fire side was sealed with 15mm thick of intumescent acrylic sealant, using a Ø25mm polyethylene rod as backing	240	60

Refer to WF 150608 for details

Replacement History:

Predecessor Certificate (Issue Date)
CLS1A 15 03 80625 003 (2015-03-13)
CLS1A 18 01 80625 004 (2018-01-10)

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