





LINEAR GAP SEALS SCHEME

Certificate number: IFCC 1830

Certificate only valid if verified on website – www.ifccertification.com

Issued by IFC Certification Ltd part of the Kiwa UK Group

This is to certify that

Siderise Insulation Ltd

Forge Industrial Estate
Maesteg
Bridgend CF34 OAH

Telephone: 01656 730833

Who manufacture the following systems:

Siderise 'EW' & 'EWI' Cavity Barriers and Fire Stops

have satisfied the requirements of the Linear Gap Seals scheme SDP 14 v1.5. This includes the testing of products to ASFP TDG19 (July 2014), ASFP TDG19 (Nov 2017) (prEN1364-6:201X), BS EN 1366-4:2006+A1:2010, BS EN 1366-4:2021, the inspection of their Factory Production Control and continuing surveillance audits, and testing of samples of products taken from production. The product specification and reports are detailed below and in the tables on pages 2 and 3 of this certificate.

Report numbers in italics refer to tests where products have been tested generally in accordance with the standard; in which case the test result is only valid to the specimen as tested.

Test reports: 391110, 397879, 539270/R, F14007, 382938/R, 431545, 431532/R, 551364, 431544, 424137A, 424701, 516527/R, 541158B/R, 534965/R, 550129, 550131.

Initial Certification: 06 June 2023 Revised: 22 September 2025 Valid to: 24 April 2028 Issue number: 9

David Mowatt Head of IFC Certification / Kiwa Group Limited

This certificate consists of 10 pages. Publication of this certificate is permitted.

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The production of fire-resistant products are manufactured in accordance with assessment/ test reports referenced within the following tables:

Horizontal

Product / Test Reports	Product thickness (mm)	Product length (mm)	Fit type	Integrity (mins)	Insulation (mins)	Gap width (mm)	Fixing Type	Qty brackets	Fixing centres (mm)
EW-CB30			Friction*2	90	30	20-50	No	0	N/A
431532/R (H)							bracket		
	75	1200				51-150	B65/110		
424137A (A)			Friction	90	30	151-250	B195	2	600
EW-CB30X	90					251-400	B355		
551364 (B)									

^{*2} Refer to Ref PAR/25704/01 for friction fit assessment.

Product / Test	Product thickness	Product length	Fit type	Integrity (mins)	Insulation (mins)	Gap width	Fixing Type	Qty brackets	Fixing centres
Reports	(mm)	(mm)				(mm)			(mm)
EW-FS60						20-50	No	0	N/A
534965/R (A)							bracket		
	100					51-150	B65/110		
534965/R (C)		1200	Friction	90	60	151-250	B195	2	600
EW-FS60X 551364 (B)	120					251-400	B355		

Product / Test Reports	Product thickness (mm)	Product length (mm)	Fit type	Integrity (mins)	Insulation (mins)	Gap width (mm)	Fixing Type	Qty brackets	Fixing centres (mm)
EW-FS120 431532/R (E)						20-50	No bracket	0	N/A
401002/11 (E)	120	1200	Friction	120	120	51-150	B65/110		
424137A (B)						151-250	B195	2	600
EW-FS120X 551364 (A)	150					251-400	B355		

Horizontal with Masonry Support Angle Interface

Г	Product	Product	Product	Fit type	Integrity	Insulation	Gap	Fixing	Qty	Fixing
	/ Test	thickness	length		(mins)	(mins)	width	Type	brackets	centres
	Reports	(mm)	(mm)				(mm)			(mm)
	EW- FS120						250	B355		
		120	1200	Friction	120	120	250	B355	2	600
	516527/R*						250	B355		

^{*}Refer to Annex B for Support Angle penetration details and drawings.

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Horizontal

Product	Seal Thickness (mm)	Cover Length (mm)	Integrity (mins)	Insulation (mins)	Air Gap Closure Time (mm:ss)	Gap Width (mm)	Air Gap (mm)	Bracket Requirement	Qty Screw /Bkts	Screw Bkts Centres (mm)
EW25- 90/30 Test report 391110	75	1200	90	30	01:03	26-30 31-35 36-40 41-45 46-50 51-75 76-250 251-350 351-425	15 20 25	steel fixing screw (plus washer if needed) max dia no greater than 15mm RS350 G/S RS450 G/S	3	400

- All cavity barrier tested to ASFP TGD19 (prEN1364-6) i.
- ii. All cavity barriers tested with 90mm thick Phenolic insulation above and below cavity barriers
- All cavity barrier brackets to be suitably fixed to a substrate with non-combustible fixings iii.
- 'G' denotes galvanised steel brackets & 'S' denotes stainless steel iv.
- All protruding ends of brackets to be trimmed to 10 to 20mm and neatly counter folded ٧.

Product	Seal Thickness (mm)	Cover Length (mm)	Integrity (mins)	Insulation (mins)	Air Gap Closure Time (mm:ss)	Gap Width (mm)	Air Gap (mm)	Bracket Requirement	Qty Screw /Bkts	Screw Bkts Centres (mm)
						26-30	15	steel fixing		
						31-35	20	screw (plus		
						36-40		washer if		
EW25-						41-45		needed)		
60/60	90	1200	60	60	05:00	46-50		max dia no	3	400
Test						51-75	25	greater than 15mm		
Report						76-250		RS350 G/S		
397879						251-350		RS450 G/S		
337073						351-425		RS550 G/S		

- All cavity barrier tested to ASFP TGD19 (prEN1364-6) i.
- All cavity barriers tested with 100mm thick Phenolic insulation above and below cavity barriers ii.
- iii. All cavity barrier brackets to be suitably fixed to a substrate with non-combustible fixings
- 'G' denotes galvanised steel brackets & 'S' denotes stainless steel iv.
- All protruding ends of brackets to be trimmed to 10 to 20mm and neatly counter folded

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Horizontal

Product	Seal Thickness (mm)	Cover Length (mm)	Integrity (mins)	Insulation (mins)	Air Gap Closure Time (mm:ss)	Gap Width (mm)	Air Gap (mm)	Bracket Requirement	Qty Screw /Bkts	Screw Bkts Centres (mm)
						26-30	≤15	steel fixing		
						31-35	≤20	screw (plus		
						36-40	≤25	washer if		
EW25- 120/120	120	1200	120	120	04:40	41-45		needed) max dia no	3	400
						46-50		greater		
Test						51-75		than 15mm		
Report						76-250	25	RS350 G/S		
539270/R						251-350		RS450 G/S		
						351-425		RS550 G/S		

- All cavity barrier tested to ASFP TGD19 (prEN1364-6) i.
- ii. All cavity barriers tested with 50mm Stonewool insulation above and below cavity barriers
- iii. All cavity barrier brackets to be suitably fixed to a substrate with non-combustible fixings
- 'G' denotes galvanised steel brackets & 'S' denotes stainless steel iv.
- Brackets to have one prong trimmed flush and one prong extended out to 15mm and turned upwards against the intumescent

Product	Seal Thickness (mm)	Cover Length (mm)	Integrity (mins)	Insulation (mins)	Air Gap Closure Time (mm:ss)	Gap Width (mm)	Air Gap (mm)	Bracket Requirement	Qty Screw /Bkts	Screw Bkts Centres (mm)
EW50- 30/30						51-55 56-60 61-65 66-70	40 45	steel fixing screw (plus washer if needed)		
Test Report F14007	75	1200	30	30	02:22	71-75 76-100 101-250 251-300	50	max dia no greater than 15mm RS350 G/S RS450 G/S	3	400

- All cavity barrier tested to ASFP TGD19 (prEN1364-6) i.
- All cavity barriers tested with 90mm thick Phenolic insulation above and below cavity barriers ii.
- iii. All cavity barrier brackets to be suitably fixed to a substrate with non-combustible fixings
- 'G' denotes galvanised steel brackets & 'S' denotes stainless steel iv.
- All protruding ends of brackets to be trimmed to 10 to 20mm and neatly counter folded

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Horizontal

Product	Seal Thickness (mm)	Cover Length (mm)	Integrity (mins)	Insulation (mins)	Air Gap Closure Time (mm:ss)	Gap Width (mm)	Air Gap (mm)	Bracket Requirement	Qty Screw /Bkts	Screw Bkts Centres (mm)
EW50- 60/60 Test Report 382938	90	1200	60	60	02:26	51-55 56-60 61-65 66-70 71-75 76-100 101-250 251-300	40 45 50	steel fixing screw (plus washer if needed) max dia no greater than 15mm RS350 G/S RS450 G/S	3	400

- i. All cavity barrier tested to ASFP TGD19 (prEN1364-6)
- ii. All cavity barriers tested with 90mm thick Phenolic insulation above and below cavity barriers
- iii. All cavity barrier brackets to be suitably fixed to a substrate with non-combustible fixings
- iv. 'G' denotes galvanised steel brackets & 'S' denotes stainless steel
- v. All protruding ends of brackets to be trimmed to 10 to 20mm and neatly counter folded

Product	Seal Thickness (mm)	Cover Length (mm)	Integrity (mins)	Insulation (mins)	Air Gap Closure Time (mm:ss)	Gap Width (mm)	Air Gap (mm)	Bracket Requirement	Qty Screw /Bkts	Screw Bkts Centres (mm)
EW50- 120/120 Test Report 431545	120	1200	120	120	04:44	51-55 56-60 61-65 66-70 71-75 76-100 101-250 251-350 351-425	40 45 50	steel fixing screw (plus washer if needed) max dia no greater than 15mm RS350 G/S RS450 G/S	3	400

- i. All cavity barrier tested to ASFP TGD19 (prEN1364-6)
- ii. All cavity barriers tested with 50mm Stonewool insulation above and below cavity barriers
- iii. All cavity barrier brackets to be suitably fixed to a substrate with non-combustible fixings
- iv. 'G' denotes galvanised steel brackets & 'S' denotes stainless steel
- v. All brackets to penetrate to a minimum 50% penetration

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Vertical

Product	Product	Product	Fit type	Integrity	Insulation	Gap	Fixing	Qty	Fixing
/ Test	thickness	length		(mins)	(mins)	width	Type	brackets	centres
Reports	(mm)	(mm)				(mm)			(mm)
EW-CB30			Friction*2			20-50	No	0	N/A
431532/R (D)							bracket		
	75	1200		90	30	51-150	B65/110		
431544 (B)			Friction*1			151-250	B195	2	600
EW-CB30X	90					251-400	B355		
424701 (B)									

^{*1} Refer to Ref PAR/25686/01 for friction fit assessment.

^{*2} Refer to Ref PAR/25704/01 for friction fit assessment.

Product / Test Reports	Product thickness (mm)	Product length (mm)	Fit type	Integrity (mins)	Insulation (mins)	Gap width (mm)	Fixing Type	Qty brackets	Fixing centres (mm)
EW-FS60			Friction*2			20-50	No	0	N/A
431532/R (C) 541158B/R	100	1200		90	60	51-150	bracket B65/110		
(B)			Friction			151-250	B195	2	600
EW-FS60X	120					251-400	B355		
550129 (A)									

^{*2} Refer to Ref PAR/25704/01 for friction fit assessment.

Product / Test Reports	Product thickness (mm)	Product length (mm)	Fit type	Integrity (mins)	Insulation (mins)	Gap width (mm)	Fixing Type	Qty brackets	Fixing centres (mm)
EW-FS120						20-50	No	0	N/A
431532/R (A)							bracket		
	120	1200	Friction	120	120	51-150	B65/110		
431544 (A)						151-250	B195	2	600
EW-FS120X	150					251-400	B355		
550131 (A)									

Signed on behalf of Kiwa UK

David Mowatt Head of IFC Certification / Kiwa Group Limited

The scope of the certification is limited to the details and parameters contained within these reports and all aspects of the specification and limitations defined therein must be satisfied.

It is the certificate holder's responsibility to ensure that the latest version/ revision of the above reports are maintained as part of the audited FPC system.

Failure to comply with all specifications will invalidate the certification and may jeopardise the fire performance.

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Annex A

- i. All cavity barriers tested to, or generally in accordance with, either BS EN 1366-4:2006+A1:2010 or BS EN 1366-4:2021
- ii. All brackets to be suitably fixed to substrate with non-combustible fixings, or brackets are mortared into brick coursing
- iii. All brackets to penetrate product at mid-thickness
- iv. All brackets to penetrate to a depth of 75% of the gap width
- v. Galvanised steel brackets or stainless-steel brackets
- vi Brackets must be installed at 600mm centres based on a 1200mm strip. This can be reduced pro rata for shorter lengths. Please note that 2 brackets are required for any length of barrier over 250mm. For lengths ≤250mm a single bracket can be utilized
- vii. Friction fit product should be sized equal to void width and installed with no gaps. Product supplied in strip form will have a -0mm/+4mm tolerance
- viii. The inclusion of DPC will not impact the performance of the product

Annex B

Horizontal EW-FS120 – Test Report 516527/R - refer to the following masonry support angle penetrations and drawings:

Consideration must be made for heat transfer through the support angles, particularly for Specimens A & B, and the placement of combustible materials adjacent to them.

Specimen A:

Masonry Support Angle fully penetrating the product and protruding the unexposed face by 18mm

Specimen B:

Masonry Support Angle fully penetrating the product, flush with the unexposed face and protruding the exposed face by 15mm

Specimen C:

Masonry Support Angle penetrating the product by 50% and protruding the exposed face by 75mm

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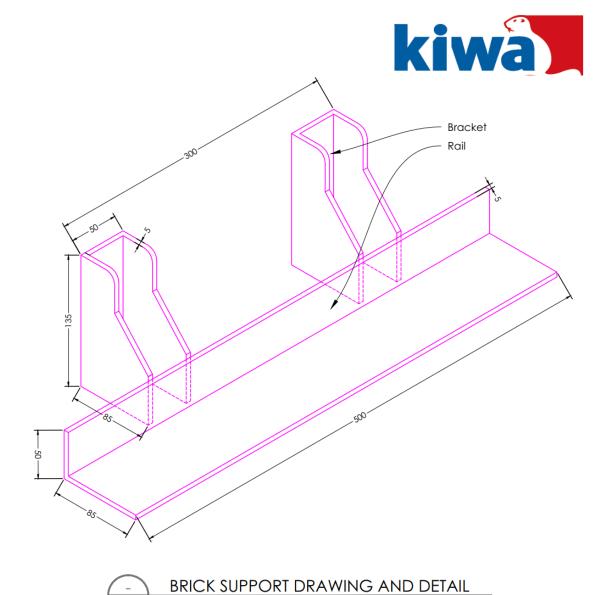
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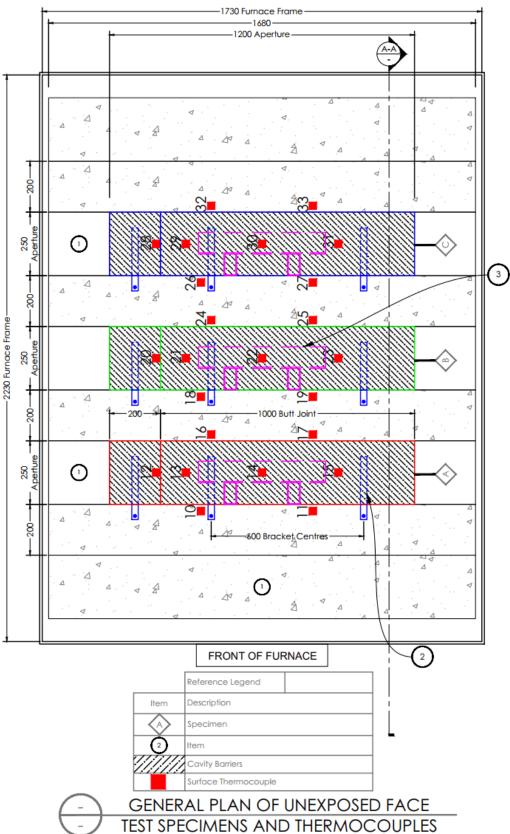






1730 Furnace Frame -1680· 1200 Aperture





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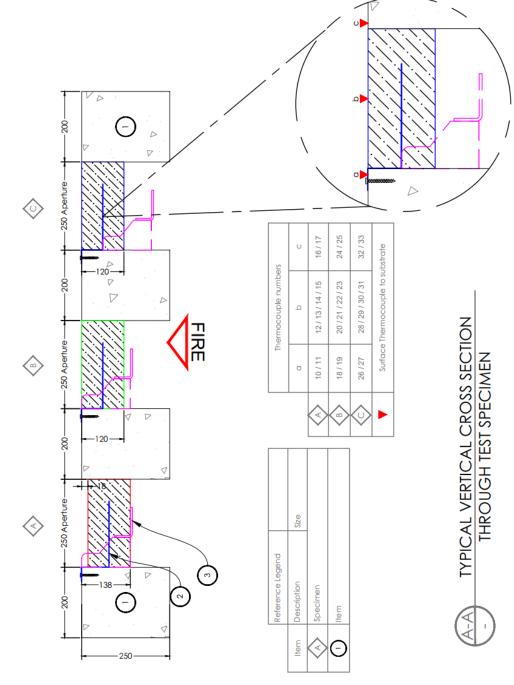
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Kev:

- 1) Supporting construction comprised of concrete lintels
- 2) B355 Bracket
- 3) Masonry Support Angle

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