



LINEAR GAP SEALS SCHEME SDP 14

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-CB30, EW-FS60 & EW-FS120 Cavity Barriers and Fire Stops

have satisfied the requirements of the above scheme. This includes the testing of products to BS EN 1366-4 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.

Test reports: 431532/R, 431544, 398827/R, 424137A, 408622, 424701, 516527/R, 539274/R, 541158B/R

Initial Certification: 06 June 2023
Revised: 09 August 2024
Valid to: 05 June 2028
Issue status: 3

David Mowatt
Head of IFC Certification /
Kiwa Group Limited

*This certificate consists of 7 pages.
Publication of this certificate is permitted.*



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 431532/R	75	1200	Gap width + 10%	120	30	20-50	No bracket	0	N/A
424137A			Friction	90	30	51-150	B65/110	2	600
						151-250	B195		
					251-350	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-FS60 431532/R	90	1200	Gap width + 10%	90	60	20-50	No bracket	0	N/A
408622			Friction			51-150	B65/110	2	600
						151-250	B195		
539274/R			Gap width + 10mm			251-300	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	120	1200	Friction	120	120	20-50	No bracket	0	N/A
424137A						51-150	B65/110	2	600
						151-250	B195		
					251-350	B355			

Horizontal with Masonry Support Angle Interface

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 516527/R*	120	1200	Friction	120	120	250	B355	2	600
						250	B355		
						250	B355		

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



Vertical

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 431532/R	75	1200	Gap width + 10%	120	30	20-50	No bracket	0	N/A
431544			Friction			51-150	B65/110	2	600
398827/R			Gap width + 10mm			151-250	B195		
						251-350	B355		
					351-450	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-FS60 431532/R	90	1200	Gap width + 10%	90	60	20-50	No bracket	0	N/A
424701			Friction			51-150	B65/110	2	600
541158B/R			Gap width + 10mm			151-250	B195		
						251-300	B355		
					301-450	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	120	1200	Friction	120	120	20-50	No bracket	0	N/A
431544						51-150	B65/110	2	600
398827/R			Gap width + 10mm			151-250	B195		
						251-350	B355		
					351-450	B355			

Signed on behalf of Kiwa UK

David Mowatt
Head of IFC Certification /
Kiwa Group Limited

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Annex A

- i. All cavity barriers tested to EN1366-4
- 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 ≤ 250 mm 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:

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

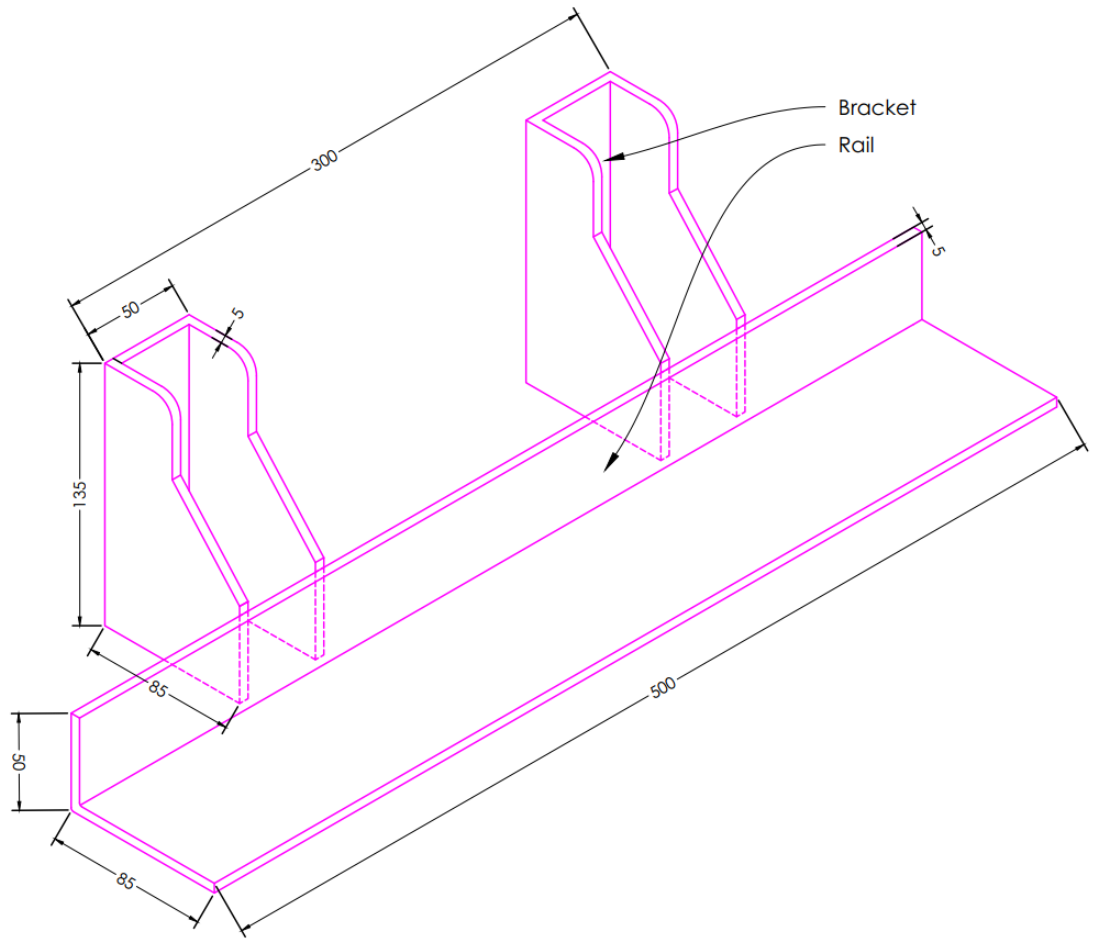
Specimen C:

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

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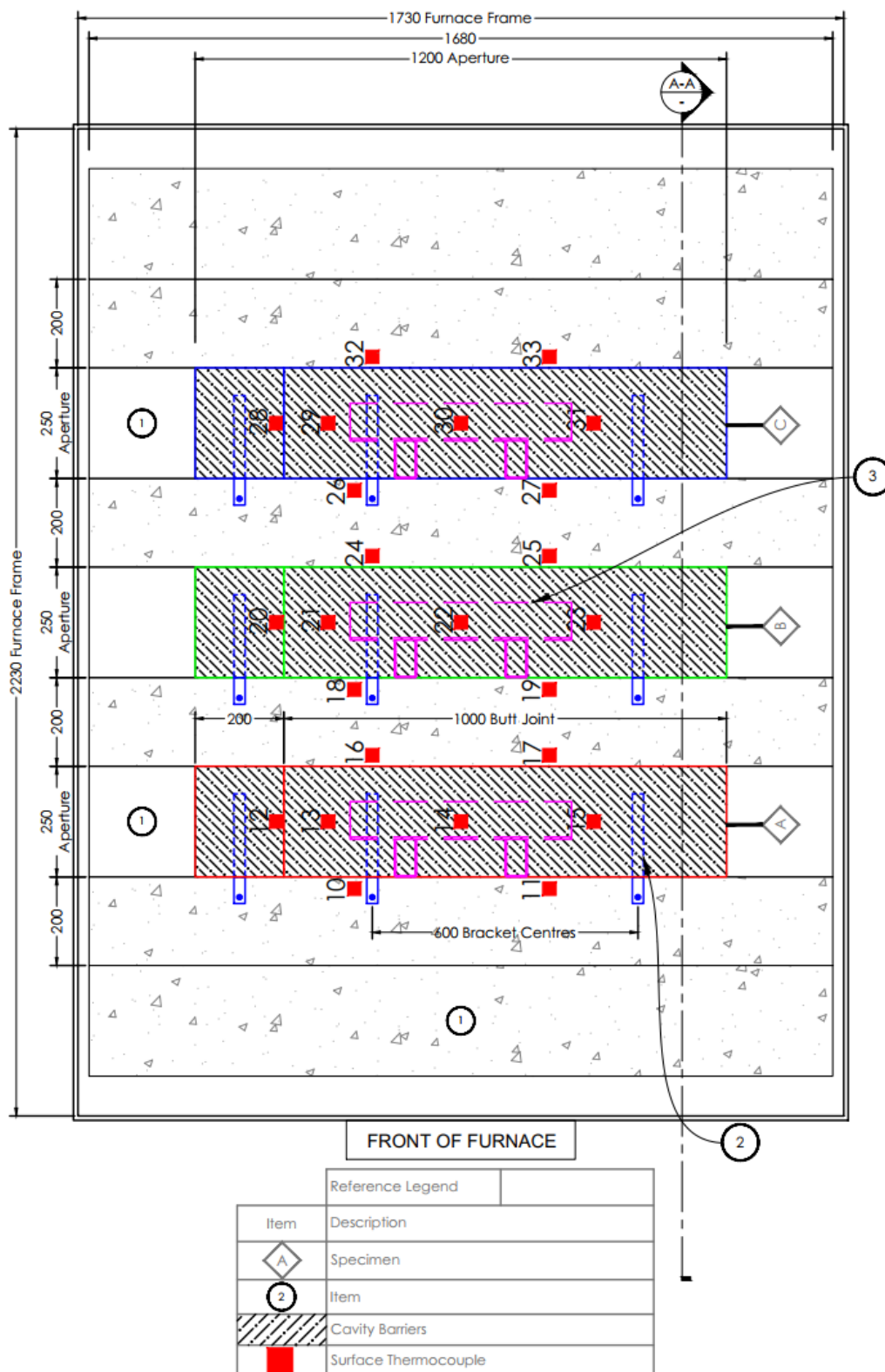
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BRICK SUPPORT DRAWING AND DETAIL



CERTIFICATE

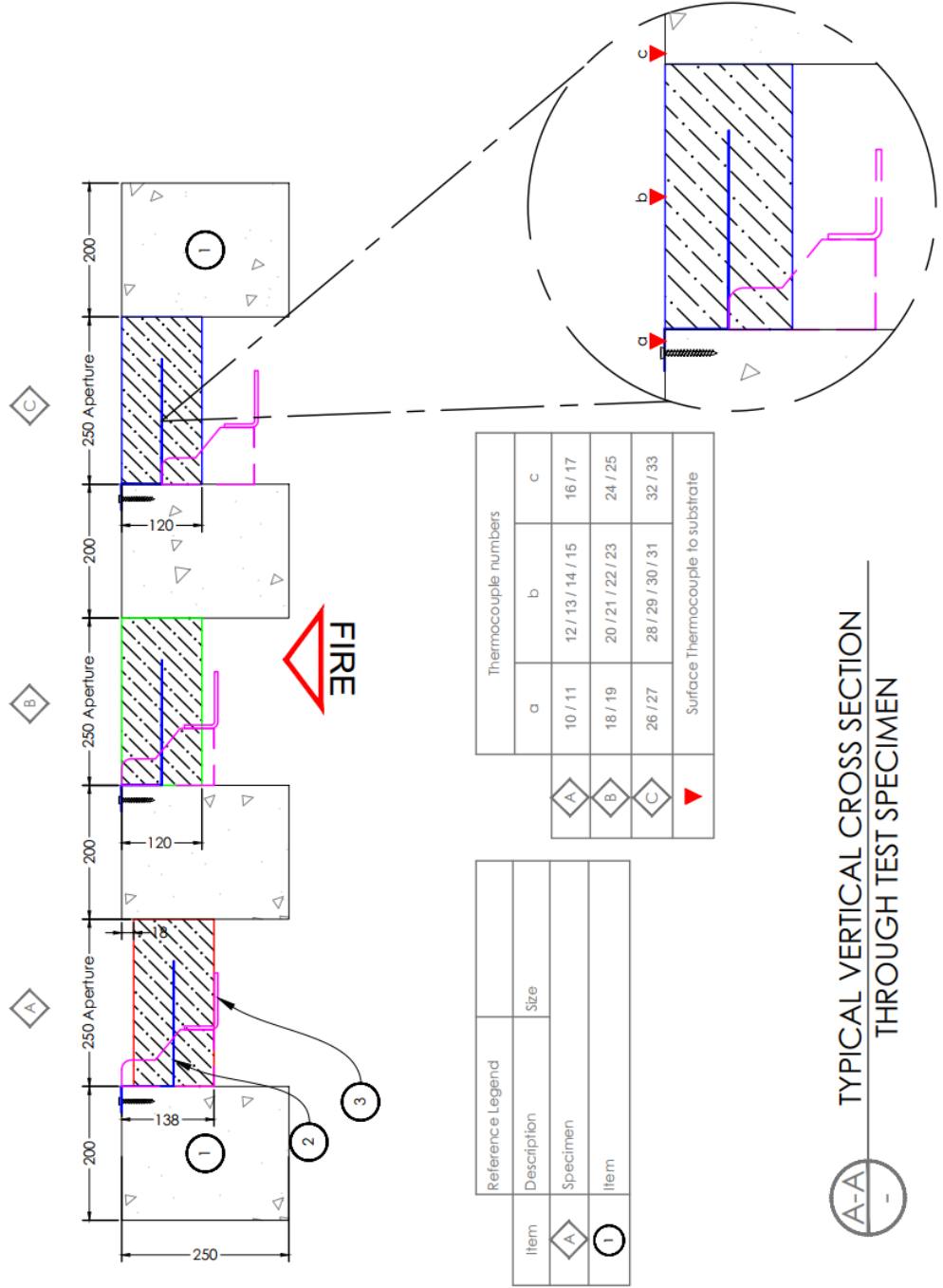


FRONT OF FURNACE

Item	Description
	Specimen
	Item
	Cavity Barriers
	Surface Thermocouple

GENERAL PLAN OF UNEXPOSED FACE TEST SPECIMENS AND THERMOCOUPLES

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Thermocouple numbers		
a	b	c
10 / 11	12 / 13 / 14 / 15	16 / 17
18 / 19	20 / 21 / 22 / 23	24 / 25
26 / 27	28 / 29 / 30 / 31	32 / 33
Surface Thermocouple to substrate		

Reference Legend	
Item	Description / Size
⬡ A	Specimen
⊙ 1	Item

⊙ A-A
— TYPICAL VERTICAL CROSS SECTION
— THROUGH TEST SPECIMEN

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