



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 Linear Gapr Seals scheme SDP 14 v1.4. This includes the testing of products to 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.

Test reports: 431532/R, 431544, 398827/R, 424137A, 408622, 424701, 516527/R, 541158B/R, 534965/R

Initial Certification: 06 June 2023
Revised: 23 October 2024
Valid to: 05 June 2028
Issue status: 4

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
534965/R			Friction			51-150	B65/110	2	600
408622			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
					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.

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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



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

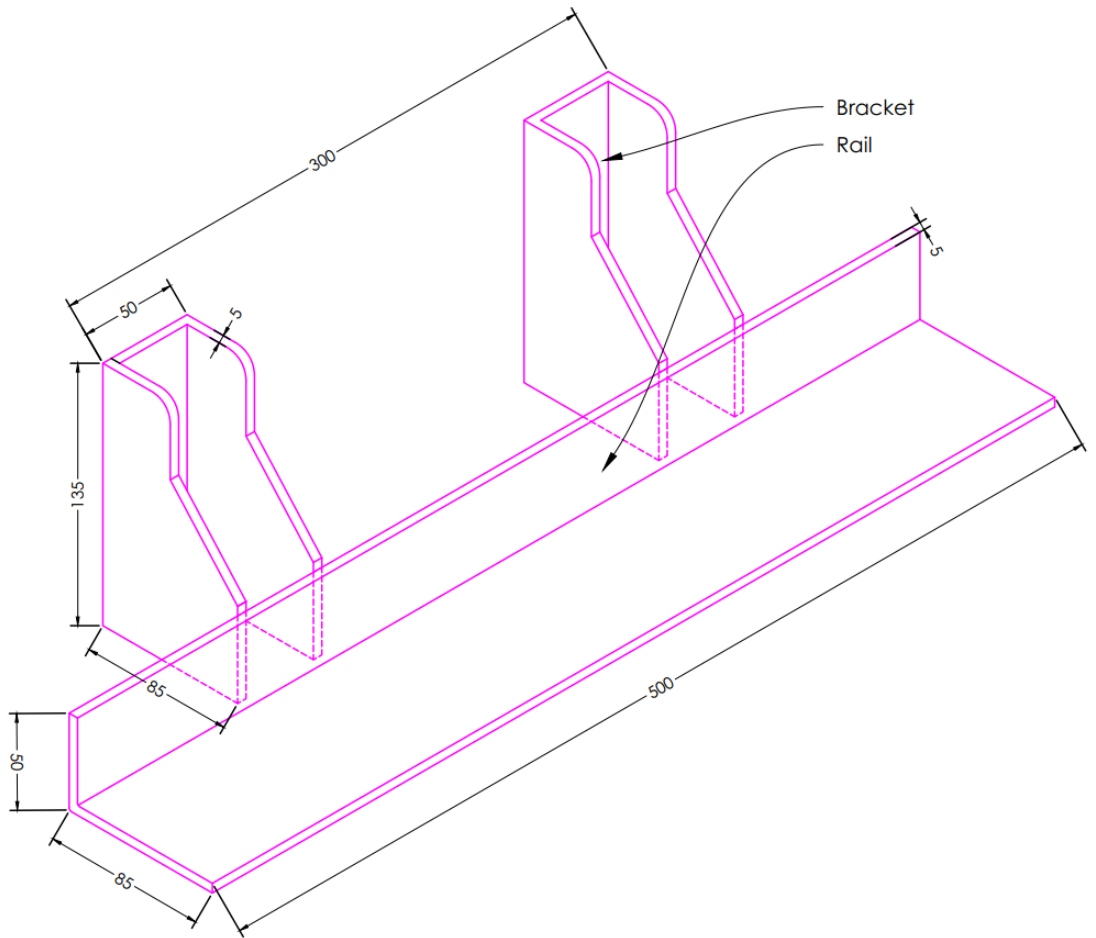
Specimen C:

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

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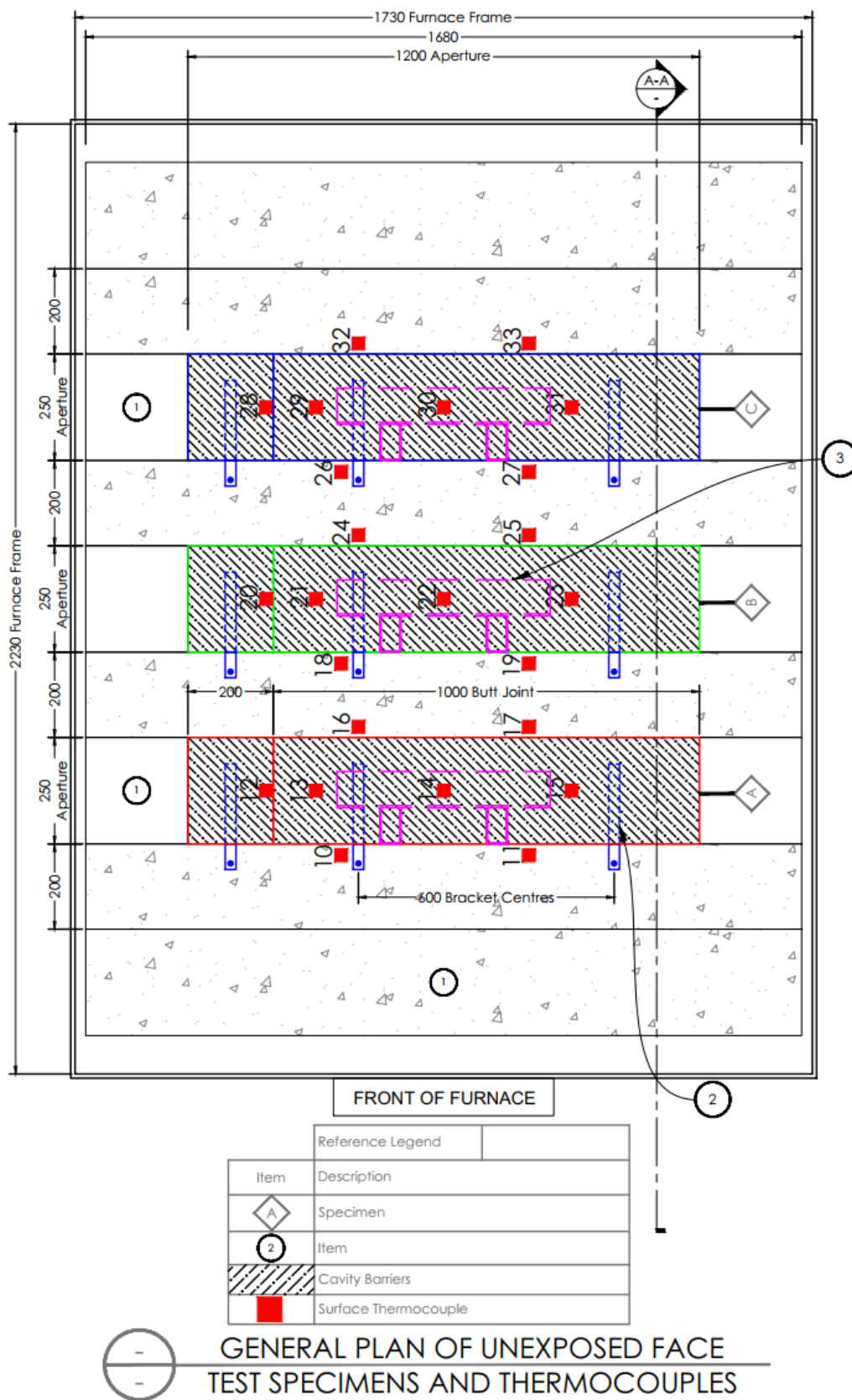


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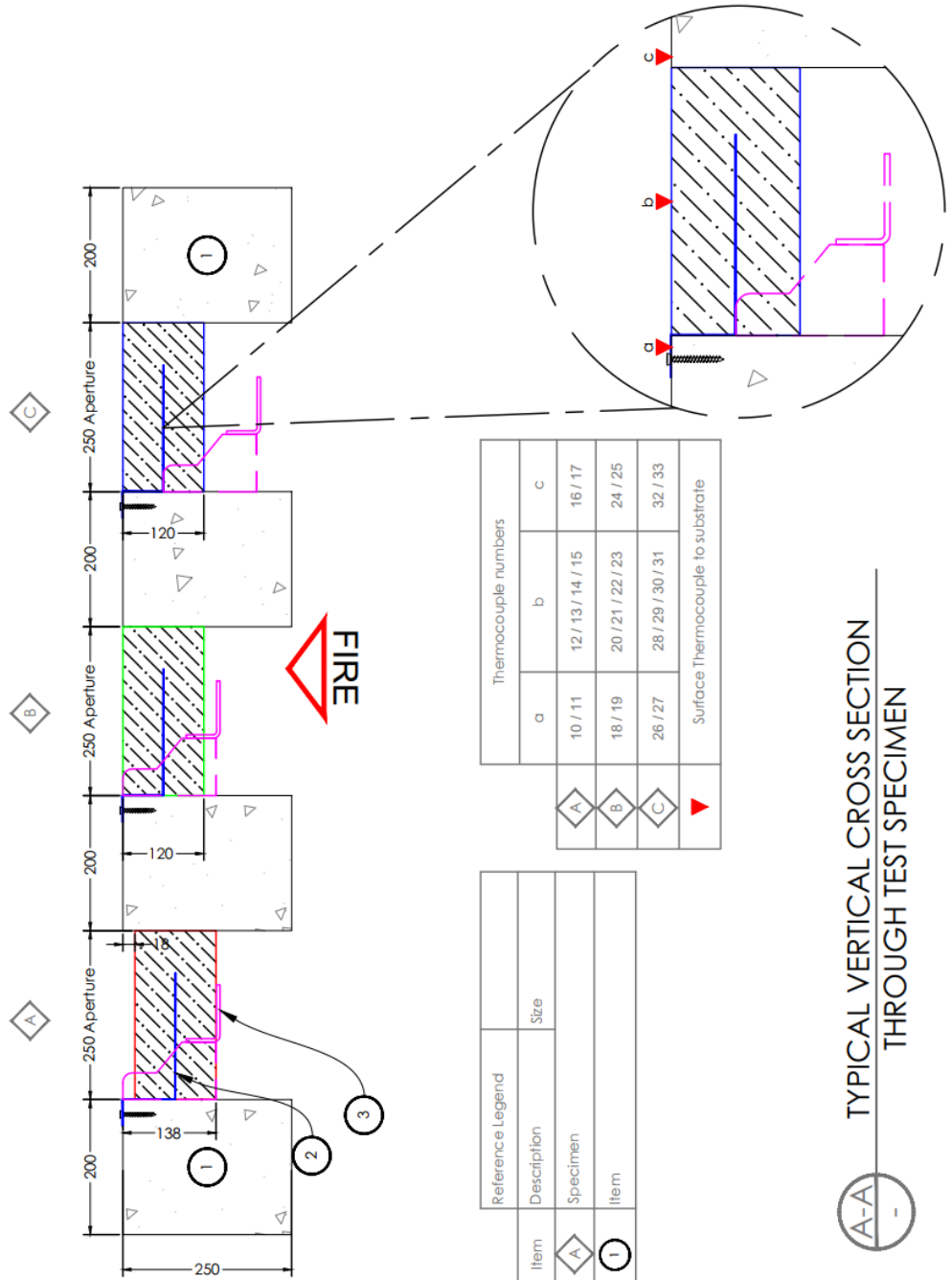


BRICK SUPPORT DRAWING AND DETAIL

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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

TYPICAL VERTICAL CROSS SECTION
THROUGH TEST SPECIMEN

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