Linear Gap Seals Scheme

Certificate Number: IFCC 1830

Certificate

Initial Certification: 06 June 2023 **Revised:** 18 June 2026
Valid to: 24 April 2028 **Issue No:** 10

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 fabricate the following systems:

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

has 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 to 6 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*.

David Mowatt
Head of IFC Certification /
Kiwa UK

kiwa CERTIFIED Product Scheme IFC Certification

UKAS PRODUCT CERTIFICATION 0175

Certificate is only valid if verified on the website.
Check the validity of this certificate by scanning this QR Code or visiting www.ifccertification.com/search/

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Bucks, HP21 7GQ

Certificate

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 (H)	75	1200	Friction*[2]	90	30	20-50	No bracket	0	N/A
424137A (A)			Friction	90	30	51-150	B65/110	2	600
						151-250	B195		
EW-CB30X *551364 (B)*	90					251-400	B355		

*[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 534965/R (A)	100	1200	Friction	90	60	20-50	No bracket	0	N/A
534965/R (C)						51-150	B65/110	2	600
						151-250	B195		
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)	120	1200	Friction	120	120	20-50	No bracket	0	N/A
424137A (B)						51-150	B65/110	2	600
						151-250	B195		
EW-FS120X *551364 (A)*	150					251-400	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	120	1200	Friction	120	120	250	B355	2	600
*516527/R**						250	B355		
						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	15	steel fixing screw (plus washer if needed) max dia no greater than 15mm	3	400
						31-35	20			
						36-40	25			
						41-45				
						46-50				
						51-75				
						76-250		RS350 G/S		
						251-350		RS450 G/S		
						351-425		RS550 G/S		

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)
EW25-60/60 Test Report 397879	90	1200	60	60	05:00	26-30	15	steel fixing screw (plus washer if needed) max dia no greater than 15mm	3	400
						31-35	20			
						36-40	25			
						41-45				
						46-50				
						51-75				
						76-250		RS350 G/S		
						251-350		RS450 G/S		
						351-425		RS550 G/S		

i. All cavity barrier tested to ASFP TGD19 (prEN1364-6)
ii. All cavity barriers tested with 100mm 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

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)
EW25-120/120 Test Report 539270/R	120	1200	120	120	04:40	26-30	≤15	steel fixing screw (plus washer if needed) max dia no greater than 15mm	3	400
						31-35	≤20			
						36-40	≤25			
						41-45				
						46-50				
						51-75				
						76-250	25	RS350 G/S		
						251-350		RS450 G/S		
						351-425		RS550 G/S		

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. 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 Test Report F14007	75	1200	30	30	02:22	51-55	40	steel fixing screw (plus washer if needed) max dia no greater than 15mm	3	400
						56-60	45			
						61-65	50			
						66-70				
						71-75				
						76-100				
						101-250		RS350 G/S		
						251-300		RS450 G/S		

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

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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	40	steel fixing screw (plus washer if needed) max dia no greater than 15mm	3	400
						56-60	45			
						61-65	50			
						66-70				
						71-75				
						76-100				
						101-250		RS350 G/S		
						251-300		RS450 G/S		

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	40	steel fixing screw (plus washer if needed) max dia no greater than 15mm	3	400
						56-60	45			
						61-65	50			
						66-70				
						71-75				
						76-100				
						101-250		RS350 G/S		
						251-350		RS450 G/S		
						351-425		RS550 G/S		

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 / 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 (D)	75	1200	Friction*2	90	30	20-50	No bracket	0	N/A
431544 (B)			Friction*1			51-150	B65/110	2	600
						151-250	B195		
EW-CB30X *424701 (B)*	90					251-400	B355		

*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 431532/R (C) *541158B/R (B)*	100	1200	Friction*2	90	60	20-50	No bracket	0	N/A
			Friction			51-150	B65/110	2	600
						151-250	B195		
EW-FS60X *550129 (A)*	120					251-400	B355		

*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 431532/R (A)	120	1200	Friction	120	120	20-50	No bracket	0	N/A
431544 (A)						51-150	B65/110	2	600
						151-250	B195		
EW-FS120X *550131 (A)*	150					251-400	B355		

Signed on behalf of Kiwa UK

David Mowatt
Head of IFC Certification /
Kiwa UK

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:

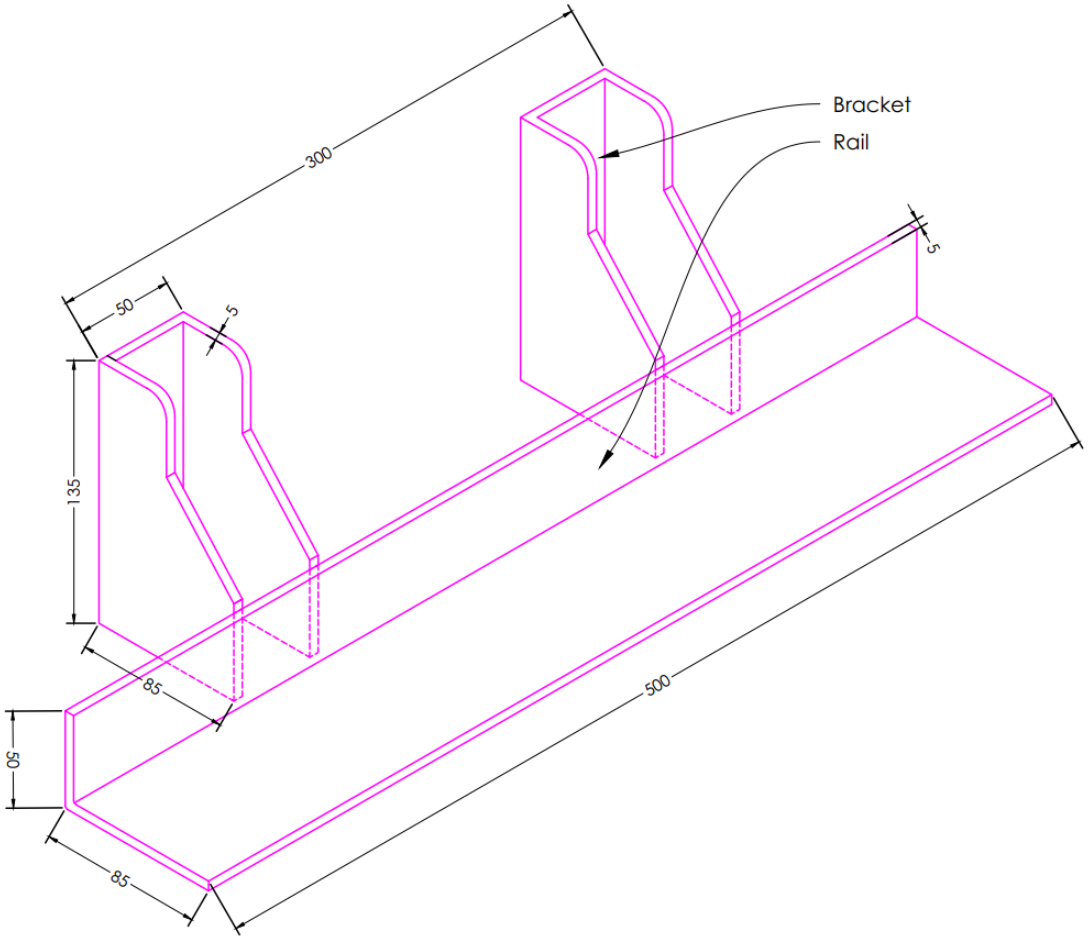
Consideration must be made for heat transfer through the support angles, particularly for Specimens A & B, and the placement of combustible materials adjacent to them.

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

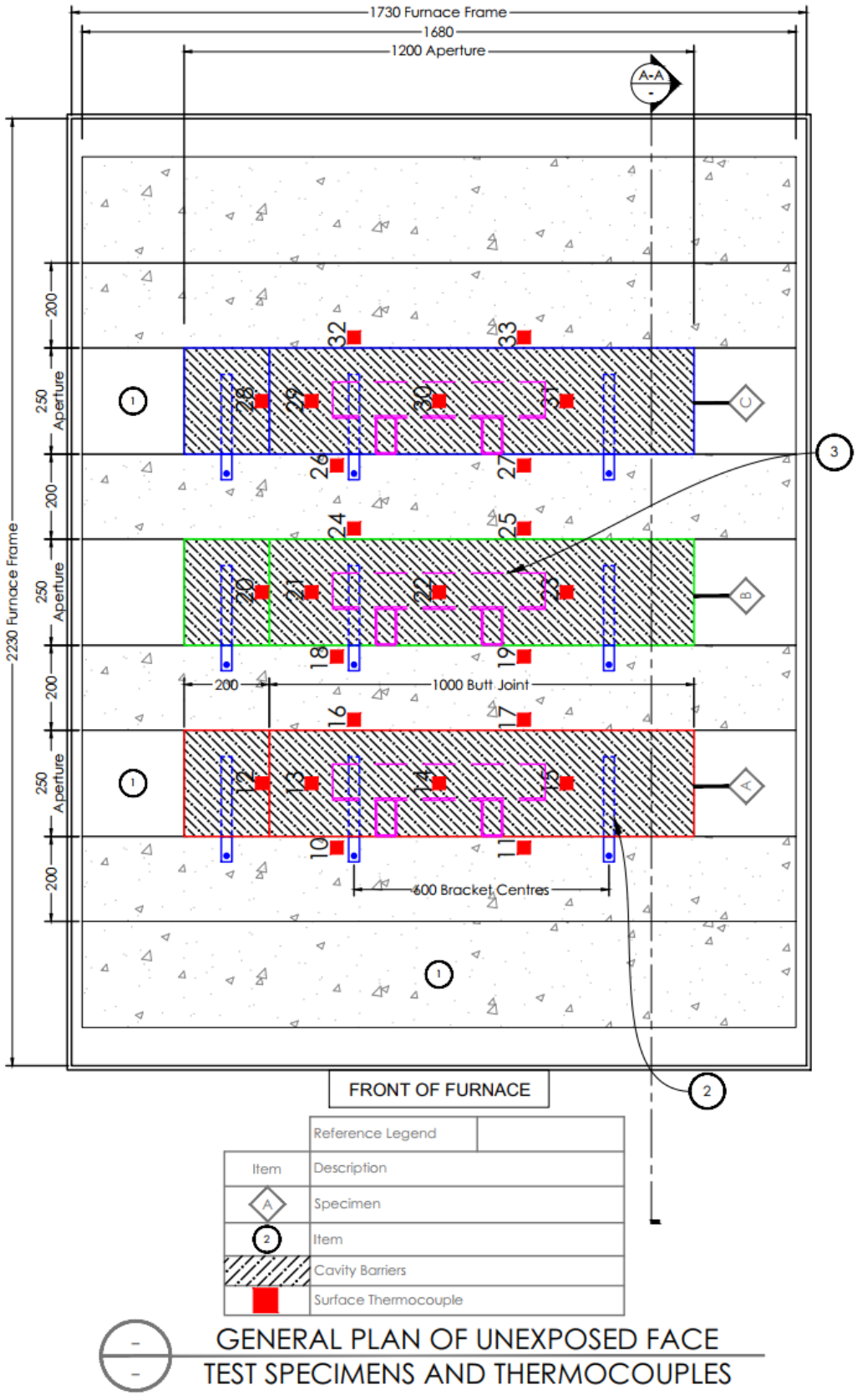
Specimen C:
Masonry Support Angle penetrating the product by 50% and protruding the exposed face by 75mm

Certificate

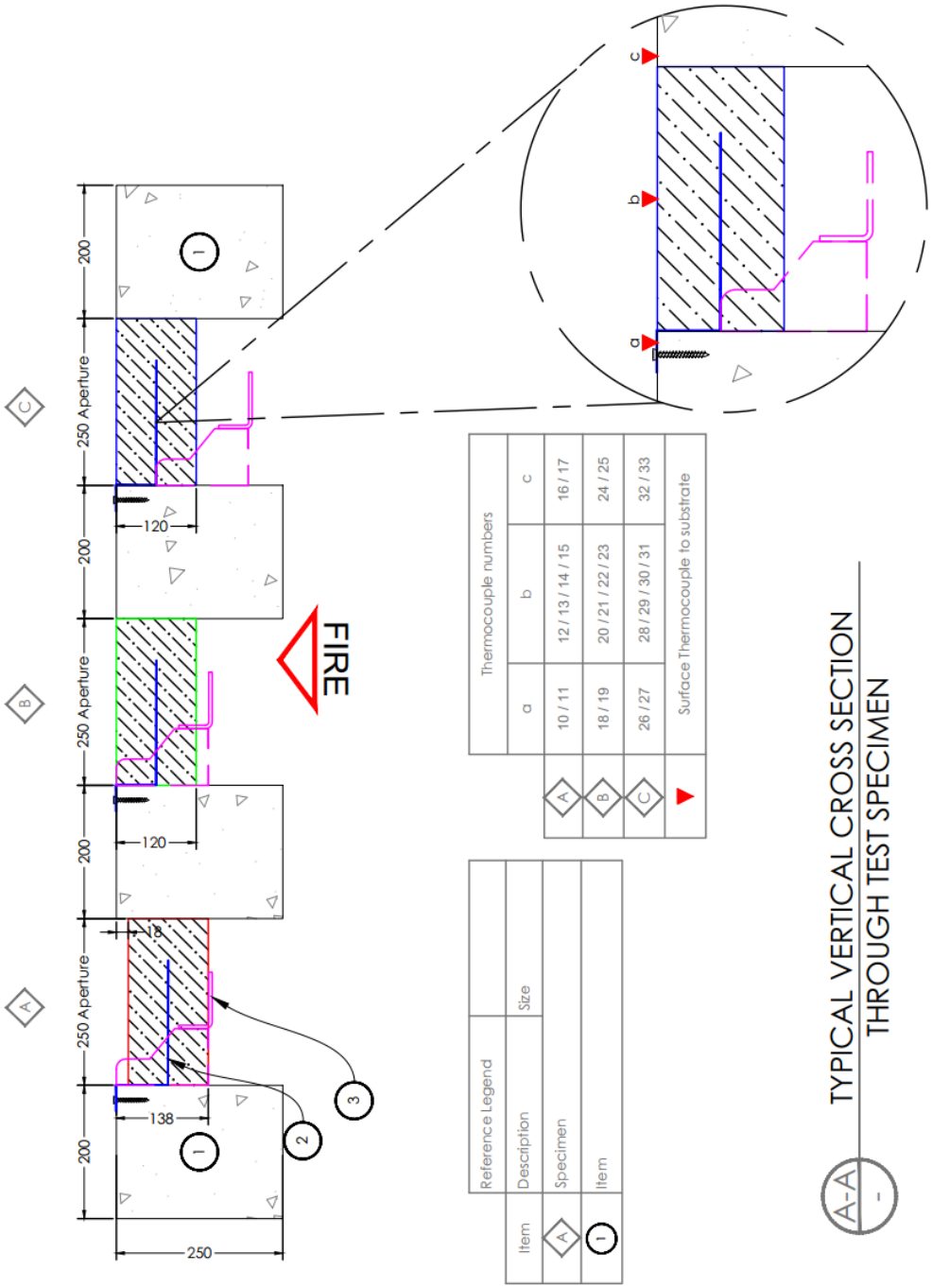


BRICK SUPPORT DRAWING AND DETAIL

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