



LINEAR GAP SEALS SCHEME

Certificate number: IFCC 1712

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 no. 01656 730833

Who manufacture the following systems:

Siderise RH & RV Cavity Barriers

at this site and at: Siderise Middle East FZ LLC, Warehouse Number D8, 1st Street, Al Quoz Industrial Area 1, Dubai, UAE, have satisfied the requirements of the Linear Gap Seals Scheme SDP 14 v1.5. This includes the testing of products to **BS EN1366-4:2006+A1:2010, BS EN 1363-1:2012** in conjunction with **ASFP TDG19** (July 2014), ASFP TDG19 (Nov 2017) (prEN1364-6:201X), 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 on pages 2 to 7 of this certificate.

Test reports: 328279/A, 382938, 389381 iss2, 398827, 397879, 391110, 431545, 504714, 431532, 424701, F14007, 539270/R.

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David Mowatt Head of IFC Certification / KIWA Group Limited

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

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Ground Floor, Suite A, Building 2

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Qty

Screw

/Bkts

3

Screw

Bkts

Centres (mm)

400

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

	Product	Seal Thickness	Cover Length	Integrity (mins)	Insulation (mins)	Air Gap Closure	Gap Width	Air Gap	Bracket Requirement	ļ
		(mm)	(mm)			Time	(mm)	(mm)		
						(mm:ss)				
							26-30	15	steel fixing	
							31-35	20	screw (plus	
							36-40		washer if	
	RH25—		1000				41-45		needed)	
	90/30	75	1200	90	30	01:03	46-50		max dia no	
	Test						51-75	25	greater than 15mm	
	report						76-250		RS350 G/S	
	391110						251-350		RS450 G/S	
							351-425		RS550 G/S	
	i. ii. iii.	All cavity	barriers te	ested with 9	P TGD19 (prEN 0mm thick Pho suitably fixed	enolic insul			w cavity barrier stible fixings	S

'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

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)
RH25- 60/60	90	1200	60	60	05:00	26-30 31-35 36-40 41-45	15 20	steel fixing screw (plus washer if needed) max dia no	3	400
Test Report 397879	50	1200			00.00	46-50 51-75 76-250 251-350	25	than 15mm RS350 G/S RS450 G/S	0	-00
						351-425		RS550 G/S		

All cavity barrier tested to ASFP TGD19 (prEN1364-6)

All cavity barriers tested with 100mm thick Phenolic insulation above and below cavity barriers

All cavity barrier brackets to be suitably fixed to a substrate with non-combustible fixings

'G' denotes galvanised steel brackets & 'S' denotes stainless steel

All protruding ends of brackets to be trimmed to 10 to 20mm and neatly counter folded

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i.

ii.

iii.

iv.

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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)
RH25- 90/60 Test Report 328279 /A	90	1200	90	60	01:00	26-30 31-35 36-40 41-45 46-50 51-75 76-250 251-300	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.

i. ii.

iii. iv. v.

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.

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)
						26-30	15	steel fixing		
						31-35	20	screw (plus		
DUIGE						36-40		washer if		
RH25-	100	1000	100	0.0	00.00	41-45		needed)	0	100
120/60	120	1200	120	60	02:20	46-50		max dia no	3	400
Test						51-75	25	greater than 15mm		
Report						76-250		RS350 G/S		
389381						251-350		RS450 G/S		
iss2						351-425		RS550 G/S		

All cavity barrier tested to ASFP TGD19 (prEN1364-6)

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 'G' denotes galvanised steel brackets & 'S' denotes stainless steel

All protruding ends of brackets to be trimmed to 10 to 20mm and neatly counter folded

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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		
RH25-	100	1000	100			41-45		needed)		100
120/90	120	1200	120	90	02:20	46-50		max dia no	3	400
Test						51-75	25	greater than 15mm		
Report						76-250		RS350 G/S		
389381						251-350		RS450 G/S		
iss2						351-425		RS550 G/S		

i. All cavity barrier tested to ASFP TGD19 (prEN1364-6)

iv.

i. ii.

iii.

iv.

V.

All cavity barriers tested with 90mm thick Phenolic insulation above and below cavity barriers ii.

All cavity barrier brackets to be suitably fixed to a substrate with non-combustible fixings 'G' denotes galvanised steel brackets & 'S' denotes stainless steel iii.

All protruding ends of brackets to be trimmed to 10 to 20mm and neatly counter folded v.

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)
RH25- 120/120	120	1200	120	120	04:40	26-30 31-35 36-40 41-45	≤15 ≤20 ≤25	steel fixing screw (plus washer if needed) max dia no	3	400
Test Report 539270/R	120	1200	120	120	04.40	46-50 51-75 76-250 251-350 351-425	25	reater than 15mm RS350 G/S RS450 G/S RS550 G/S		400

All cavity barrier tested to ASFP TGD19 (prEN1364-6)

All cavity barriers tested with 50mm Stonewool insulation above and below cavity barriers

All cavity barrier brackets to be suitably fixed to a substrate with non-combustible fixings

'G' denotes galvanised steel brackets & 'S' denotes stainless steel

Brackets to have one prong trimmed flush and one prong extended out to 15mm and turned upwards against the intumescent

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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)
RH50- 30/30 Test Report F14007	75	1200	30	30	02:22	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

All cavity barrier tested to ASFP TGD19 (prEN1364-6)

i.

iv. v.

i.

ii.

iii.

iv.

V.

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

'G' denotes galvanised steel brackets & 'S' denotes stainless steel

All protruding ends of brackets to be trimmed to 10 to 20mm and neatly counter folded

Product	Seal Thickness	Cover Length	Integrity (mins)	Insulation (mins)	Air Gap Closure	Gap Width	Air Gap	Bracket Requirement	Qty Screw	Screw Bkts
	(mm)	(mm)			Time	(mm)	(mm)		/Bkts	Centres
					(mm:ss)					(mm)
						51-55	40	steel fixing		
RH50-						56-60	45	screw (plus		
60/60						61-65		washer if		
						66-70]	needed)		
Test	90	1200	60	60	02:26	71-75	50	max dia no	3	400
Report						76-100		greater		
382938						70-100		than 15mm		
						101-250		RS350 G/S		
						251-300		RS450 G/S		

All cavity barrier tested to ASFP TGD19 (prEN1364-6)

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

'G' denotes galvanised steel brackets & 'S' denotes stainless steel

All protruding ends of brackets to be trimmed to 10 to 20mm and neatly counter folded

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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)
RH50- 120/12 0 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

All cavity barrier tested to ASFP TGD19 (prEN1364-6) ii.

i.

iv.

v.

i.

ii.

All cavity barriers tested with 50mm Stonewool insulation above and below cavity barriers

All cavity barrier brackets to be suitably fixed to a substrate with non-combustible fixings 'G' denotes galvanised steel brackets & 'S' denotes stainless steel iii.

All brackets to penetrate to a minimum 50% penetration

Product	Seal Thickness (mm)	Cover Length (mm)	Integrity (mins)	Insulation (mins)	Air Gap Closure Time	Gap Width (mm)	Air Gap (mm)	Bracket Requirement	Qty Screw /Bkts	Screw Bkts Centres
					(mm:ss)					(mm)
RH25- 120/90 1.5mm Strip Test Report 328279/A	n/a	1200	120	90	02:00	0-25	25	No brackets fixed to substrate with suitable steel fixing screw (plus washer if needed) max dia no greater than 15mm	3	400

Product	Seal Thickness (mm)	Cover Length (mm)	Integrity (mins)	Insulation (mins)	Air Gap Closure Time	Gap Width (mm)	Air Gap (mm)	Bracket Requirement	Qty Screw /Bkts	Screw Bkts Centres
	(11111)	(11111)			(mm:ss)	(11111)	(11111)		/DKIS	(mm)
RH50-60/60 3mm Strip Test Report 504714	n/a	1200	60	60	04:40	0-50	50	No brackets fixed to substrate with suitable steel fixing screw (plus washer if needed) max dia no greater than 15mm	3	400

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All cavity barrier tested to ASFP TGD19 (prEN1364-6)

All cavity barrier brackets to be suitably fixed to a substrate with non-combustible fixings

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Product	Seal Thickness	Cover Length	Compression Minimum	Integrity (mins)	Insulation (mins)	Gap Width (mm)	Bracket Regt	Qty Bkts	Bkts Centres
	(mm)	(mm)	WITHTUTT	(111113)	(111113)	(11111)	ivequ	DIG	(mm)
			Gap width +			20-50	No		
RV-90/30			10%				Brackets	n/a	n/a
Test Reports	75	1200		90	30	51-150	B65/110		
398827, 431532			Gap width +			151-240	B195	2	600
			10mm			241-300			
						301-450	B355		
Product	Seal	Cover	Compression	Integrity	Insulation	Gap Width	Bracket	Qty	Bkts
									DICIS
	Thickness	Length	Minimum	(mins)	(mins)	(mm)	Reqt	Bkts	Centres
	Thickness (mm)	Length (mm)	Minimum				Reqt		
		Ŭ	Minimum Gap width +				Reqt No		Centres
RV-90/60		Ŭ				(mm)			Centres
		Ŭ	Gap width +			(mm)	No	Bkts	Centres (mm)
RV-90/60 Test Reports 424701, 431532	(mm)	(mm)	Gap width +	(mins)	(mins)	(mm) 20-50	No Brackets	Bkts	Centres (mm)
Test Reports	(mm)	(mm)	Gap width + 10%	(mins)	(mins)	(mm) 20-50 51-150	No Brackets B65/110	Bkts n/a	Centres (mm) n/a
Test Reports	(mm)	(mm)	Gap width + 10% Gap width +	(mins)	(mins)	(mm) 20-50 51-150 151-240	No Brackets B65/110	Bkts n/a	Centres (mm) n/a
Test Reports	(mm)	(mm)	Gap width + 10% Gap width +	(mins)	(mins)	(mm) 20-50 51-150 151-240 241-300	No Brackets B65/110 B195	Bkts n/a	Centres (mm) n/a

Product	Seal Thickness (mm)	Cover Length (mm)	Compression Minimum	Integrity (mins)	Insulation (mins)	Gap Width (mm)	Bracket Reqt	Qty Bkts	Bkts Centres (mm)
RV-120/120			Gap width + 10%			20-50	No Brackets	n/a	n/a
Test Reports 398827, 431532	120	1200	Gap width + 10mm	120	120	51-150 151-240 241-300 301-450	B65/110 B195 B355	2	600

All cavity barriers tested to EN1366-4

i.

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ii. All cavity barriers brackets to be suitably fixed to substrate with non-combustible fixings

iii. All brackets to penetrate product at mid-thickness

iv. All brackets to penetrate to a depth of 75% of the gap width

Galvanised steel brackets or stainless-steel brackets

Signed on behalf of Kiwa UK

David Mowatt Head of IFC Certification / KIWA Group Limited

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