
CERTIFICATE OF APPROVAL No ME 5101

SIDERISE INSULATION LTD

Forge Industrial Estate, Maesteg, Bridgend, CF34 0AY

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Have been assessed against the requirements of the test standard(s)
denoted below and are approved for use subject to the conditions
appended hereto:

CERTIFIED PRODUCTS

Siderise RH Open State Barriers

Siderise RV Barriers

TEST STANDARDS

ASFP Technical Guidance
Document – TGD 19

Fire Resistance Test for
'Open State' cavity Barriers
Used In the External
Envelope or Fabric Of
Building Nov 2017

prEN 1364-6 Fire Resistance
Tests For Non Loadbearing
Elements – part6: Cavity
Barriers April 2016

BS EN 1366-4: 2006 Fire
Resistance Tests For Service
Installations Part 4 : Linear
Joint Seals

Signed and sealed for and on behalf of Warringtonfire Testing and Certification Limited



Paul Duggan
Certification Manager

Issued: 24th October 2018
Revised: 7th March 2019
Valid to: 23rd October 2023



Approved Manufacturing Locations:

SIDERISE INSULATION Ltd
Forge Industrial Estate
Maesteg
Bridgend
CF34 0AY

Information:

1. The performance relates only to the behaviour of the specimen of the element of construction under the particular conditions of test. They are not intended to be the sole criteria for assessing the potential fire performance of the element in use, nor do they reflect the actual behaviour in fires.
2. The certification is issued on the basis of:
 - i) Initial type testing of a sampled test specimen
 - ii) Inspection and surveillance of factory production control
 - iii) Certification of Quality Management Systems to ISO 9001:2015
3. The products are stone wool core material of varying thickness. A Graphite intumescent strip is applied to the open side face of the "Open State" barriers
4. Horizontal barriers have been tested in accordance with ASFP Technical Guidance Document – TGD 19 Fire Resistance Test for 'Open State' cavity Barriers Used In the External Envelope or Fabric Of Building Nov 2017, prEN 1364-6 Fire Resistance Tests For Non Loadbearing Elements – part6: Cavity Barriers April 2016
5. Vertical barriers have been tested in accordance BS EN 1366-4: 2006 Fire Resistance Tests For Service Installations Part 4 : Linear Joint Seals
6. This certification is provided to the client for their own purposes and we cannot opine on whether it will be accepted by Building Control authorities or any other third parties for any purpose.

Sampled Test Evidence	Dated
WF 391100	28/2/16
WF 382938	28/11/16
WF 389382 Issue 2	19/2/18
WF 389381 Issue 2	19/2/18
WF 398827	19/9/18

Product Specification and Performance:

Horizontal Open State Barriers

Product	Seal Thickness (mm)	Cover Length (mm)	Integrity (minutes)	Insulation (minutes)	Air Gap Closure Time (mm:ss)	Gap Width (mm)	Air Gap (mm)	Bracket Requirement	Qty Screw / Bkts	Screw / Bracket Centres (mm)						
RH25-90/30	75	1200	90	30	01:03	27-31	15	No brackets fixed to substrate with suitable steel fixing screw (plus washer if needed); maximum diameter no greater than 15mm.	3	400						
						32-36	20									
						37-41	25									
						42-49	25									
												50-75	25			
												76-250	25	RS350 G/S	3	400
												251-350	25	RS450 G/S	3	400
												351-425	25	RS550 G/S	3	400

- i. All cavity barriers 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 substrate with non-combustible fixings
- iv. 'G' denotes galvanised steel brackets & 'S' denotes Stainless Steel brackets
- v. All protruding ends of brackets to be trimmed to 10 to 20mm and neatly counter folded

Horizontal Open State Barriers

Product	Seal Thickness (mm)	Cover Length (mm)	Integrity (minutes)	Insulation (minutes)	Air Gap Closure Time (mm:ss)	Gap Width (mm)	Air Gap (mm)	Bracket Requirement	Qty Screw / Bkts	Screw / Bracket Centre s (mm)						
RH25-60/60	90	1200	60	60	05:00	27-31	15	No brackets fixed to substrate with suitable steel fixing screw (plus washer if needed); maximum diameter no greater than 15mm.	3	400						
						32-36	20									
						37-41	25									
						42-49	25									
												50-75	25			
												76-250	25	RS350 G/S	3	400
												251-350	25	RS450 G/S	3	400
												351-425	25	RS550 G/S	3	400

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Product	Seal Thickness (mm)	Cover Length (mm)	Integrity (minutes)	Insulation (minutes)	Air Gap Closure Time (mm:ss)	Gap Width (mm)	Air Gap (mm)	Bracket Requirement	Qty Screw / Bkts	Screw / Bracket Centres (mm)						
RH25-120/90	120	1200	120	90	02:20	27-31	15	No brackets fixed to substrate with suitable steel fixing screw (plus washer if needed); maximum diameter no greater than 15mm.	3	400						
						32-36	20									
						37-41	25									
						42-49	25									
												50-75	25			
												76-250	25	RS350 G/S	3	400
												251-350	25	RS450 G/S	3	400
												351-425	25	RS550 G/S	3	400

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Horizontal Open State Barriers

Product	Seal Thickness (mm)	Cover Length (mm)	Integrity (minutes)	Insulation (minutes)	Air Gap Closure Time (mm:ss)	Gap Width (mm)	Air Gap (mm)	Bracket Requirement	Qty Screw / Bkts	Screw / Bracket Centres (mm)
RH50-30/30	75	1200	30	30	02:22	60-75	50	No brackets fixed to substrate with suitable steel fixing screw (plus washer if needed); maximum diameter no greater than 15mm.	3	400
						76-250	50	RS350 G/S	3	400
						251-300	50	RS450 G/S	3	400

- i. All cavity barriers 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 substrate with non-combustible fixings
- iv. 'G' denotes galvanised steel brackets & 'S' denotes Stainless Steel brackets
- v. All protruding ends of brackets to be trimmed to 10 to 20mm and neatly counter folded



Horizontal Open State Barriers

Product	Seal Thickness (mm)	Cover Length (mm)	Integrity (minutes)	Insulation (minutes)	Air Gap Closure Time (mm:ss)	Gap Width (mm)	Air Gap (mm)	Bracket Requirement	Qty Screw / Bkts	Screw / Bracket Centres (mm)
RH50-60/60	90	1200	60	60	02:26	60-75	50	No brackets fixed substrate with suitable steel fixing screw (plus washer if needed); maximum diameter no greater than 15mm.	3	400
						76-250	50	RS350 G/S	3	400
						251-300	50	RS450 G/S	3	400

- i. All cavity barriers 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 substrate with non-combustible fixings
- iv. 'G' denotes galvanised steel brackets & 'S' denotes Stainless Steel brackets
- v. All protruding ends of brackets to be trimmed to 10 to 20mm and neatly counter folded



Vertical Cavity Barriers

Product	Seal Thickness (mm)	Cover Length (mm)	Compression Minimum (mm)	Integrity (minutes)	Insulation (minutes)	Gap Width (mm)	Bracket Requirement	Qty Bkts	Bracket Centres (mm)
RV-90/30	75	1200	Gap Width +10mm	90	30	51-150	B65/110	2	600
						151-240	B195		
						241-300	B355		
						301-450	B355		
RV-90/60	90	1200	Gap Width +10mm	90	60	51-150	B65/110	2	600
						151-240	B195		
						241-300	B355		
RV-120/120	120	1200	Gap Width +10mm	120	120	51-150	B65/110	2	600
						151-240	B195		
						241-300	B355		
						301-450	B355		

- i. All cavity barriers tested to EN1366-4
- ii. All cavity barrier 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
- v. Galvanised steel brackets or stainless steel brackets

