
CERTIFICATE OF APPROVAL
No ME 5101

SIDERISE INSULATION LTD

Forge Industrial Estate, Maesteg, Bridgend, CF34 0AY
Tel: +44 01656 730833
Website: www.siderise.com

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 Exova (UK) Limited trading as Warrington Certification



Paul Duggan
Certification Manager



Issued:
Valid to:

24th October 2018
23rd October 2023

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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

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	RS350 G/S	3	400			
						76-250	25						
						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 Centres (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	RS350 G/S	3	400
						76-250	25			
						251-350	25			
						351-425	25			

- i. All cavity barriers tested to ASFP TGD19 (prEN1364-6)
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- iii. All cavity barrier brackets to be suitably fixed to substrate with non-combustible fixings
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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 Centre s (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	RS350 G/S	3	400
						76-250	25			
						251-350	25			
						351-425	25			

- 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 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	25	RS350 G/S	3	400
						251-300	25	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 Centre s (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	25	RS350 G/S	3	400
						251-300	25	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