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## CERTIFICATE OF APPROVAL

### No CF 5727

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This is to certify that, in accordance with  
TS00 General Requirements for Certification of Fire Protection Products  
The undermentioned products of

## Siderise Insulation Limited

Forge Industrial Estate, Maesteg, Bridgend, CF34 0AY  
TEL: 01656 730833

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

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**CERTIFIED PRODUCT**  
Siderise EW & EWI

**TECHNICAL SCHEDULE**  
TS 39 Fire Resisting Cavity  
Barriers

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

Paul Duggan  
Certification Manager

Issued: 10<sup>th</sup> July 2019  
Revised: 22<sup>nd</sup> August 2019  
Next audit test due: 10/07/2022  
Frequency: Every 3 years  
Valid to: 9<sup>th</sup> July 2024





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### Siderise Insulation Limited

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#### Siderise EW & EWI Seals

1. This approval relates to the use of Siderise EW & EWI Seals for the fire protection of cavities within walls and floors. The detailed scope is given in the Approval Matrix included in this Certificate. This shows the thickness, width and reference for Siderise EW & EWI Seals, required to provide fire resistance periods in accordance BS EN 1366-4 2006 for up to 120 minutes for floor and wall constructions.
2. This certification is provided to the client for its own purposes and we cannot opine on whether it will be accepted by Building Control authorities or any other third parties for any purpose.
3. The product is approved on the basis of:
  - Initial type testing
  - Audit testing at the frequency specified in TS39
  - A design appraisal against TS39
  - Inspection and surveillance of factory production control
  - Certification of quality management system to ISO 9001: 2008
4. The walls and floors shall of specified thickness in relation to the approval matrix, and have at least the same fire rating as that required for the Cavity Barrier.
5. Block/masonry and concrete gap faces will be within the density range of 450 to 2300kg/m<sup>3</sup>, and gap faces will be free from loose or flaking material. Softwood will have a density of min 510kg/m<sup>3</sup>
6. The approval relates to on-going production. Product and/or its immediate packaging is identified with the manufacturers' name, the product name or number, the CERTIFIRE name or name and mark, together with the CERTIFIRE certificate number and application where appropriate.

Further information regarding the details contained in this data sheet may be obtained from **Siderise Insulation Limited**  
**Forge Industrial Estate, Maesteg, Bridgend, CF34 0AY**  
**TEL: 01656 730833**

Signed  
E/135

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**CERTIFICATE No CF 5727**  
**Siderise Insulation Limited**

**Vertical Cavity Barriers for Masonry Elements**

Product	Seal Thickness (mm)	Cover Length (mm)	Compression Minimum	Integrity (minutes)	Insulation (minutes)	Gap Width (mm)	Bracket Requirement	Qty Bkts G/S	Bracket Centres (mm)
EW-CB30	75	1200	Friction Fit	120	30	51-150	B65/110	2	600
						151-250	B195		
EW-FS120	120	1200	Friction Fit	90	30	251-450	B355	2	600
						51-150	B65/110		
EWI-CB30	75	1200	Friction Fit	120	120	151-250	B195	2	600
						51-150	B65/110		
EWI-FS120	120	1200	Friction Fit	120	120	151-250	B195	2	600
						51-150	B65/110		
EWI-CB30	75	1200	Friction Fit	120	30	151-250	B195	2	600
						51-150	B65/110		
EWI-FS120	120	1200	Friction Fit	120	120	151-250	B195	2	600
						51-150	B65/110		
EWI-CB30	75	1200	Friction Fit	90	30	251-450	B355	2	600
						51-150	B65/110		
EWI-FS120	120	1200	Friction Fit	120	120	151-250	B195	2	600
						51-150	B65/110		

Signed  
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Horizontal Cavity Barriers for Masonry Elements									
Product	Seal Thickness (mm)	Cover Length (mm)	Compression Minimum	Integrity (minutes)	Insulation (minutes)	Gap Width (mm)	Bracket Requirement	Qty Bkts G/S	Bracket Centres (mm)
EW-CB30	75	1200	Friction Fit	60	60	51-150	B65/110	2	600
						151-250	B195		
EW-FS120	120	1200	Friction Fit	120	120	51-150	B65/110	2	600
						151-250	B195		
EWI-CB30	75	1200	Friction Fit	60	60	51-150	B65/110	2	600
						151-250	B195		
EWI-FS120	120	1200	Friction Fit	120	120	51-150	B65/110	2	600
						151-250	B195		

Notes:

- i. All cavity barriers tested to EN1366-4 with DPC
- ii. All cavity barrier 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 Gap Width
- v. 'G' denotes galvanised steel brackets & 'S' denotes Stainless Steel brackets
- vi. EW standard cavity barrier with DPC
- vii. EWI upgraded cavity barrier with DPC and Intumescent strip under DPC

Signed  
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