
CERTIFICATE OF APPROVAL

No CF 5386

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

SIDERISE GROUP 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:

CERTIFIED PRODUCT
SIDERISE LGS

TECHNICAL SCHEDULE
TS40 Fire Resisting Linear Gap
Sealing Systems

Signed and sealed for and on behalf of Exova (UK) Limited trading as
Warrington Certification



Paul Duggan
Certification Manager



Issued: 5th January 2016
Revised: 19th January 2018
Valid to: 31st May 2018

Page 1 of 3



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SIDERISE GROUP LIMITED

SIDERISE LGS

1. This approval relates to the use of SIDERISE LGS sealing systems for the fire protection of movement joints 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 LGS sealing systems required to provide fire resistance periods in accordance with BS 476: Part 20: 1987 of up to 120 minutes for wall/floor constructions. The scope of certification complies with the guidelines stated in the ASFP Red Book: 3rd Edition for 3rd party certification schemes.
2. This certification is designed to demonstrate compliance of the product or system specifically with Approved Document B (England and Wales), Section 2 of the Technical Standards (Scotland), Technical Booklet E (N. Ireland). If compliance is required to other regulatory or guidance documents there may be additional considerations or conflict to be taken into account.'
3. The product is approved on the basis of:
 - i) Initial type testing
 - ii) Audit testing at the frequency specified in TS40
 - iii) A design appraisal against TS40
 - iv) Inspection and surveillance of factory production control
3. The block/masonry/concrete walls and floors shall be at least 150mm thick and have at least the same fire rating as that required for the penetration seal.
4. Block/masonry and concrete gap faces will be within the density range of 450 to 2300kg/m³, and gap faces will be free from loose or flaking material.
5. The approval relates to ongoing 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 GROUP LIMITED (Tel: 01656 730833).

Further information regarding the CERTIFIRE certification and other approved products can be obtained from CERTIFIRE (Tel: 01925 646777).

CERTIFICATE No CF 5386 SIDERISE GROUP LIMITED

SIDERISE LGS - Approval Matrix

Blockwork/Masonry/Concrete (aerated or normal) Wall and Floor Installations 150 mm thick (min.)						
Product Name			SIDERISE LGS			
Seal Ref.	Max. Joint Width mm	Min. Seal Width mm	Min. Seal Depth mm	Number of Intumescent Strips	Number/ Width of Foam Strips mm	Integrity (mins)
LGS10/2	10	12	12	1	1x10	120
LGS20/2	20	29	12	2	1x25	120
LGS25/2	25	32	20	2	1x30	120
20PYR	25	29	20	2	1x25	120
LGS35/2	35	53	20	3	2x25	120
DORNEX	25	36	27	2	1x25	120
LGS50/2	50	61	35	3	1x25+1x30	120
22PYR	50	61	35	3	1x25+1x30	120
LGS65/2	60	85	40	4	3x25	120
LGS001	75	87	40	4	2x25+1x30	120
LGS75/2	75	90	50	4	1x25+2x30	120
LGS100/2	100	126	100	5	4x30	120
LGS125/2	120	147	125	6	2x25+3x30	120
LGS150/2	150	170	100	7	4x25+2x30	120
Application Technique		Compressed into gap/joint such that the multi-layers/banding are visible.				
Air Permeability: EN1026	Pressure (Pa)	Positive pressure (m ³ /h/m ²)	Negative pressure (m ³ /h/m ²)	Weather Capability:	Not evaluated by this approval	
	50	938.9	9751.1			
	100	1581.7	1590.6			
Acoustic Rating: BS EN ISO 10140-2:2010	R_w(C;C_{tr}) : 8(0;-1) dB D_{new}(C;C_{tr}): 18(0:1)dB			Movement Capability:	Not evaluated by this approval	