

CERTIFICATE NUMBER AC103.6

*Siderise Insulation Ltd***Site** Forge Industrial Estate, Maesteg, Bridgend, CF34 0AH, United Kingdom**Issue date:** 4 October 2022**Re-issued date:** 13 August 2026**Certificate valid till:** 4 October 2027

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Certified product	Technical schedule	Approved standard
Siderise 'CW-FS' linear joint seal CW-FS60-X (XFS 120), CW-FS120 (XFS 120), CW-FS60 (XFS 90), CW-CB30 (XFS 75)	ATS21	AS 1530.4:2014 AS 4072.1:2005 (R2016)

Jensen Hughes project number: CER220006

On behalf of Jensen Hughes

OMAR SAAD

Certification manager

Regulatory framework

This certificate has been prepared to meet the evidence of suitability requirements of the NCC 2025 under A5G3(1)(c). This certificate may also be used to demonstrate compliance with the requirements for evidence of suitability under the relevant sections of previous versions of the NCC

General condition for use

This certificate must only be reproduced in its entirety and without alteration by the applicant. No other organisation or individual may publish copies, excerpts, or abridged versions of this certificate in any format without the written approval of Jensen Hughes Fire Testing Pty Ltd.

Validity

The FireMark Scheme is a certification scheme for building products. The rules of the scheme are available at the Jensen Hughes [website](#). This document certifies that the product satisfies all relevant performance requirements and fitness-for-purpose provisions of the Building Code of Australia (BCA) as specified in the product claim.

Accreditation

The Jensen Hughes FireMark Product Certification scheme operated by Jensen Hughes Fire Testing Pty Ltd is accredited by JASANZ as a Conformity Assessment Body. The scope of accreditation is available on the JASANZ website at [JASANZ register](#).

Issued: 4 October 2022

This certificate is the property of Jensen Hughes Fire Testing Pty Ltd

Valid to: 4 October 2027

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1.0 Product description

XFS120, XFS90 and XFS75 consist of stone wool insulation with aluminium foil facing used as linear gap seals in concrete walls and floors. The seals are formed in 1200 mm long sections and are provided in a range of thicknesses.

2.0 Approval matrix

Table 1 Joints in minimum 120 mm thick concrete floors protected with Siderise 'CW-FS' linear joint seals

Product	Seal thickness (mm)	Cover length (mm)	Compression minimum (mm)	Gap width (mm)	Bracket requirement	FRL
CW-FS60-X (XFS 120)	120	1200	Gap width + 20mm	301-600	B355, 600mm centres.	-/60/60
CW-FS120 (XFS 120)	120	1200	Gap width + 10 mm	241-300	B355, 600 mm centres	-/120/120
				151-240	B195, 600 mm centres	-/120/120
				51-150	B65/110, 600 mm centres	-/120/120
			10%	20-50	NA	-/120/120
CW-FS60 (XFS 90)	90	1200	Gap width + 10 mm	241-300	B355, 600 mm centres	-/90/60
				151-240	B195, 600 mm centres	-/90/60
				51-150	B65/110	-/90/60
			10%	20-50	NA	-/90/60
CW-CB30 (XFS 75)	75	1200	Gap width + 10 mm	241-300	B355, 600 mm centres	-/90/30
				151-240	B195, 600 mm centres	-/90/30
				51-150	B65/110, 600 mm centres	-/90/30

Product	Seal thickness (mm)	Cover length (mm)	Compression minimum (mm)	Gap width (mm)	Bracket requirement	FRL
			10%	20-50	NA	-/90/30

Table 2 Joints in minimum 120 mm thick concrete walls protected with Siderise 'CW-FS' linear joint seals

Product	Seal thickness (mm)	Cover length (mm)	Compression minimum (mm)	Gap width (mm)	Bracket requirement	FRL
CW-FS60-X (XFS 120)	120	1200	Gap width + 20mm	451-600	B355, 600mm centres.	-/60/60
CW-FS120 (XFS 120)	120	1200	Gap width + 10 mm	301-450	B355, 450 mm centres	-/120/120
				241-300	B355, 450 mm centres	-/120/120
				151-240	B195, 600 mm centres	-/120/120
				51-150	B65/110, 600 mm centres	-/120/120
			10%	20-50	NA	-/120/120
CW-FS60 (XFS 90)	90	1200	Gap width + 10 mm	241-450	B355, 600 mm centres	-/90/60
				151-240	B195, 600 mm centres	-/90/60
				51-150	B65/110	-/90/60
			10%	20-50	NA	-/90/60
CW-CB30 (XFS 75)	75	1200	Gap width + 10 mm	301-450	B355, 600 mm centres	-/90/30
				241-300	B355, 600 mm centres	-/90/30
				151-240	B195, 600 mm centres	-/90/30

Product	Seal thickness (mm)	Cover length (mm)	Compression minimum (mm)	Gap width (mm)	Bracket requirement	FRL
				51-150	B65/110, 600 mm centres	-/90/30
			10%	20-50	NA	-/90/30

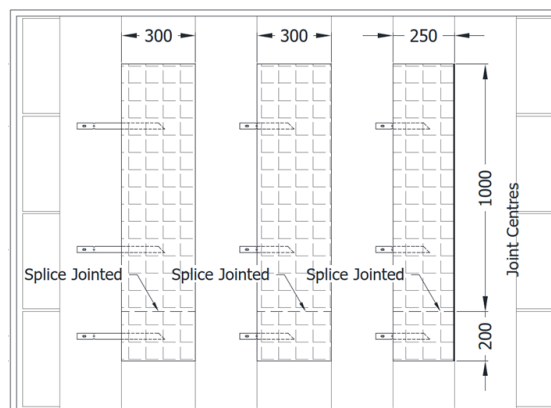


Figure 1 General plan view of the tested systems as provided by the report applicant (as tested)

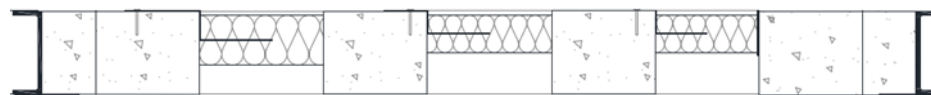


Figure 2 General section view of the tested systems as provided by the report applicant (as tested)

3.0 *Direct field of application*

- + This certificate details the methods of construction, test conditions and results in accordance with AS 1530.4:2014 and AS 4072.1:2005 (R2016).
- + The certificate pertains exclusively to full-width linear gap seals that are installed in a closed state or configuration under compression and do not extend to gap protection with curtain walls.
- + The seal must be installed on the nonexposed side with the steel reinforcement bracket remaining unexposed.
- + For systems in floors, the considered exposure is from the underside only.
- + This certificate is issued on the basis that the certified systems are constructed in accordance with robust quality control procedures, relevant industry regulations, and applicable Australian Standards for material quality, structural design, workmanship, and the proper handling, installation, and finishing of the products on-site. These factors are outside the scope and control of this certificate.

Appendix A - Overview of evidence

Table 3 outlines all evidence that forms the basis of approval for the scope outlined in this certificate.

Table 3 Reports and supplementary documents

Number	Report number
1	WF 348661
2	WF 389382
3	WF 398827
4	WF 399726
5	WF 408622
6	WF 412180
7	WF 412181
8	WF 424701
9	WF 431532
10	CER220006 FAS R1.1