Certificate of Compliance

You have been awarded:

Intertek ETL US Mark for Firestop Systems

Standards: EN 1364-4 (2014), ASTM E2307 (2019), ASTM E2307 (2020), ASTM E2307 (2025b), IS 18190 (2023)

Certificate number: WHI19-32944301

This is a certificate of compliance to certify that the bearer has successfully completed the requirements of the above scheme which include the testing of products, the initial assessment, and are subject to continuing annual assessments of their compliance and testing of samples of products taken from production (as applicable to the scheme) and has been registered within the scheme for the products detailed.

Organization: Siderise Insulation Limited
Forge Industrial Estate
Nantyfyllon
Maesteg, Bridgend CF34 0AH
United Kingdom

Product: Siderise Insulation Limited - Siderise CW-FS, CW-SI50, CW-FB
Spec ID: 48629
Listing Information: See following page(s)

Certification body: Intertek Testing Services NA, Inc.
Initial registration: June 09, 2019
Date of expiry: December 31, 2026
Issue status: 15

Authorized By: _____
Jean-Philippe Kayl, Director of Certification

Intertek Testing Services NA, Inc.
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The certificate and schedule are held in force by regular annual surveillance visits by Intertek Testing Services NA, Inc. and the reader or user should contact Intertek to validate its status. This certificate remains the property of Intertek Testing Services NA, Inc. and must be returned to them on demand. This Certificate is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this certificate. Only the Client is authorized to permit copying or distribution of this certificate and then only in its entirety. Use of Intertek's Certification mark is restricted to the conditions laid out in the agreement. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement, they are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.

LISTING INFORMATION

Products Covered
Siderise Insulation Limited - Siderise CW-FS
Siderise Insulation Limited - Siderise CW-SI50
Siderise Insulation Limited - Siderise CW-FB

Product Description
Siderise CW-FS perimeter barriers and fire stop system for curtain walling comprises of a one-piece product, XFS, with a pre-compressed noncombustible stonewool core (density - 75 kg/m^3) using a unique method of manufacture that provides a resilient lateral compression. The product also has integral aluminium foil facing.

Siderise CW-SI50 curtain wall spandrel insulation are manufactured at a density of 128 kg/m^3, and 50 mm thickness, with Aluminum Class O foil facing.

Siderise CW-FB panels are manufactured at a density of 160 kg/m^3, and 25 mm thickness, with Aluminum Class O foil facing.

Limitations for SIR/BPF 120-01, SIR/BPF 120-02, SIR/BPF 180-01 designs
Minimum supporting concrete floor thickness and density - 200mm and 2000 kg/m^3
Siderise CW-FS Fire stopping boards must be installed with 10% compression
Minimum thickness of Siderise CW-FS boards - 120mm for 120 minutes fire rating and 150mm for 180 minutes fire rating
Siderise CW-FB boards are used for insulating the spandrel area.

Limitations for SIR/BPF 180-02 design
Minimum supporting concrete floor thickness and density - 225mm and 2000 kg/m^3
Siderise CW-FS Fire stopping boards must be installed with 20% compression
Minimum thickness of Siderise CW-FS boards - 120mm
Knauf Aquapanel Indoor boards are used as the internal lining of spandrel area.

Limitations for SIR/BPF 120-03 design
Minimum supporting concrete floor thickness and density - 203mm and 2000 kg/m^3
Siderise CW-FS Fire stopping boards must be installed with 20% compression
Minimum thickness of Siderise CW-FS boards - 120mm
Siderise CW-SI50 boards are used for insulating the spandrel area.

Limitations for SIR/BPF 180-03 design
Minimum supporting concrete floor thickness and density - 200mm and 2000 kg/m^3
Siderise CW-FS Fire stopping boards must be installed with 20% compression
Minimum thickness of Siderise CW-FS boards - 120mm
Siderise CW-FB boards are used for insulating the spandrel area and as mullion cover.
Cycling - None

System Ratings - CW-FS

Test Standard	Ratings	Design Number	Maximum gap between floor and curtain walling
EN 1364-4:2014	Integrity: 120 Minutes Insulation: 120 Minutes	SIR/BPF 120-01	250 mm
EN 1364-4:2014	Integrity: 120 Minutes Insulation: 90 Minutes	SIR/BPF 120-02	300 mm
EN 1364-4:2014	Integrity: 180 Minutes Insulation: 180 Minutes	SIR/BPF 180-01	250 mm
ASTM E2307:2019	T Rating: 180 Minutes F Rating: 180 Minutes	SIR/BPF 180-02	100 mm
ASTM E2307:2020	T Rating: 45 Minutes F Rating: 120 Minutes	SIR/BPF 120-03	150 mm
ASTM E2307:2025b and IS 18190: 2023	T Rating: 30 Minutes F Rating: 180 Minutes	SIR/BPF 180-03	100 mm