

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)

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

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: 11

Authorized By: 
Jean-Philippe Kayl, Director of Certification

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LISTING INFORMATION

Product Covered

Siderise Insulation Limited - Siderise CW-FS
Siderise Insulation Limited - Siderise CW-SI50

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 in a density of 128 kg/m^3 , and 50 mm thickness, with Aluminum Class O foil facing.

Limitations for (SIR/BPF 120-01, SIR/BPF 120-02, SIR/BPF 180-01)

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)

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)

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.

System Ratings - CW-FS

Test Standard	Ratings	Design Number	Maximum gap between floor and curtain walling
EN 1364-4	Integrity: 120 Minutes Insulation: 120 Minutes	SIR/BPF 120-01	250 mm
EN 1364-4	Integrity: 120 Minutes Insulation: 90 Minutes	SIR/BPF 120-02	300 mm
EN 1364-4	Integrity: 180 Minutes Insulation: 180 Minutes	SIR/BPF 180-01	250 mm

ASTM E2307	T Rating: 180 Minutes F Rating: 180 Minutes	SIR/BPF 180-02	100 mm
ASTM E2307	T Rating: 45 Minutes F Rating: 120 Minutes	SIR/BPF 120-03	150 mm