

Certificate of Compliance



You have been awarded:

Intertek ETL C + US Mark for Firestop Systems

Standards: CAN / ULC S115 (2011), ASTM E814-13a (R2017), UL 1479 (2015) Ed.4

Certificate number: WHI18-23359102

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: International Carbide Technology Co., Ltd.
No. 176, Zhongzun Street
Luchu District
Taoyuan, N/A 33842
Taiwan

Product: International Carbide Technologies - Firestop Systems

Spec ID: 42415

Listing Information: See following page(s)

Certification body: Intertek Testing Services NA, Inc.

Initial registration: April 23, 2018

Date of expiry: December 31, 2025

Issue status: 5

Authorized By: 

Jean-Philippe Kayl, Director of Certification

Intertek Testing Services NA, Inc.
545 E. Algonquin Road, Ste H., Arlington Heights, IL 60005 USA
Phone: 847-439-5667 Fax: 847-439-7320

www.intertek.com

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

This specification covered multiple firestop materials manufactured by International Carbide Technologies. See below for individual product descriptions. These products are used, in various combinations to achieve the ratings outline herein. The details of the specific combinations required will be found in the representative Design Listings and is summarized in the table below.

1) INFS0812 Intumescent Strip : INFS0812 Intumescent Strip is a 5mm × 60mm or 5mm x 80mm intumescent strip bonded on one side to aluminum foil. It is intended to be wrapped around combustible penetrants, such as plastic pipe.

2) SSCI Firestop Collar : SSCI Firestop Collar is a stainless steel collar intended to be used in conjunction with INFS0812 Intumescent strip to tightly seal a combustible penetrant. This product is intended for nonmetallic pipe, plastic pipe, and insulated pipes. The collars are wrapped around the pipe and secured with a hose clamp. Sizes are available for 2 in. and up to 12 in. nominal pipe diameters.

3) INSS1440 Fire Barrier Caulk : The INSS1440 Fire Barrier Caulk is a single component, water based acrylic intumescent firestop sealant. It can be applied by caulking gun, trowel, or putty knife. The Fire Barrier Caulk is available in 310 mL tubes, 600 mL Sausage, 1 gallon pails, and 5 gallon pails.

4) FP-04+ Firestop Sheet : FP-04+ is a Firestop Sheet fabricated by bonding intumescent materials to a metal sheet. This product is intended to be used for shielding cable trays, conduit, and HVAC equipment. The Firestop sheet is 2 mm thick, available in sheets of 90 cm × 90 cm.

5) FM011 Moldable Firestop Putty : FM011 Moldable Firestop Putty is a one-part, flexible intumescent putty for use on wall or floor openings. The putty is sold in bars and applied by tearing off the required amount of material and plugging the opening, smoothing by hand to ensure a tight seal.

6) INCA® Putty Pad: INCA® Putty Pad is a moldable fire-rated putty material with intumescent properties. When exposed to flames or high temperature will prevent the spread of flames, smoke, and toxic gases through openings in fire rated walls and partitions. INCA® Putty Pad is designed to protect electrical boxes or other penetrants with up to 2-hour fire resistance.

FIRE RATINGS

Test Standard	Products Included	Rating	Design Number
ASTM E814,	1,3	T Rating - 60 min., F Rating - 60 min.	ICT/PF 60-01
CAN/ULC S115	1,3	F Rating - 60 min., FT Rating - 60 min., FH Rating - 60 min., FTH Rating - 60 min.	
ASTM E814,	1,2,3	T Rating - 59 to 60 min*, F Rating - 60 min. * See Design Listing for Details for each penetrant composition	ICT/PF 60-02

CAN/ULC S115	1,2,3	F Rating - 60 min., FT Rating - 59 to 60 min*, FH Rating - 60 min., FTH Rating - 59 to 60 min* * See Design Listing for Details for each penetrant composition	
ASTM E814,	1,3	T Rating - 60 min., F Rating - 60 min.	ICT/PF 60-03
CAN/ULC S115	1,3	F Rating - 60 min., FT Rating - 60 min., FH Rating - 60 min., FTH Rating - 60 min.	
ASTM E814,	5	T Rating - 0 min., F Rating - 0 min.	ICT/PF 60-04
CAN/ULC S115	5	F Rating - 60 min., FT Rating - 9 min., FH Rating - 0 min., FTH Rating - 0 min.	
ASTM E814,	1,2,3	T Rating - 13 to 60 min*, F Rating - 60 min. * See Design Listing for Details for each penetrant composition	ICT/PF 60-05
CAN/ULC S115	1,2,3	F Rating - 60 min., FT Rating - 13 to 60 min*, FH Rating - 60 min., FTH Rating - 13 to 60 min* * See Design Listing for Details for each penetrant composition	
ASTM E814,	1,2,3,4	T Rating - 60 min., F Rating - 60 min.	ICT/PF 60-06
CAN/ULC S115	1,2,3,4	F Rating - 60 min., FT Rating - 60 min., FH Rating - 60 min., FTH Rating - 60 min.	
ASTM E814,	1,5	T Rating - 12 min., F Rating - 60 min.	ICT/PF 60-07
CAN/ULC S115	1,5	F Rating - 60 min., FT Rating - 12 min. FH Rating - 60 min., FTH Rating - 12 min.	
ASTM E814,	5	T Rating - 46 min., F Rating - 60 min.	ICT/PF 60-08
CAN/ULC S115	5	F Rating - 60 min., FT Rating - 46 min., FH Rating - 60 min., FTH Rating - 46 min.	
ASTM E814,	5	T Rating - 60 min., F Rating - 60 min.	ICT/PF 60-09
CAN/ULC S115	5	F Rating - 60 min., FT Rating - 60 min., FH Rating - 60 min., FTH Rating - 60 min.	
ASTM E814,	5	T Rating - 0 to 23 min.*, F Rating - 0 to 60 min.* * See Design Listing for Details for each penetrant composition	ICT/PF 60-11
CAN/ULC S115	5	F Rating - 60 min., FT Rating - 16 to 23 min*, FH Rating - 0 to 60 min.*, FTH Rating - 0 to 23 min* * See Design Listing for Details for each penetrant composition	
ASTM E814,	5	T Rating - 51 to 54 min.*, F Rating - 60 min. * See Design Listing for Details for each penetrant composition	ICT/PF 60-12
CAN/ULC S115	5	F Rating - 60 min., FT Rating - 51 to 54 min*, FH Rating - 60 min., FTH Rating - 51 to 54 min* * See Design Listing for Details for each penetrant composition	

		composition	
ASTM E814,	3	T Rating - 60 min., F Rating - 60 min.	ICT/PF 60-13
CAN/ULC S115	3	F Rating - 60 min., FT Rating - 60 min., FH Rating - 60 min., FTH Rating - 60 min.	
ASTM E814,	1,3	T Rating - 120 min., F Rating - 120 min.	ICT/PF 120-01
CAN/ULC S115	1,3	F Rating - 120 min., FT Rating - 120 min., FH Rating - 120 min., FTH Rating - 120 min.	
ASTM E814,	1,2,3	T Rating - 102 to 120 min*, F Rating - 120 min. * See Design Listing for Details for each penetrant composition	ICT/PF 120-02
CAN/ULC S115	1,2,3	F Rating - 120 min., FT Rating - 102 to 120 min*, FH Rating - 120 min., FTH Rating - 102 to 120 min* * See Design Listing for Details for each penetrant composition	
ASTM E814,	1,3	T Rating - 120 min., F Rating - 120 min.	ICT/PF 120-03
CAN/ULC S115	1,3	F Rating - 120 min., FT Rating - 120 min., FH Rating - 120 min., FTH Rating - 120 min.	
ASTM E814,	5	T Rating - 27 to 120 min*, F Rating - 120 min. * See Design Listing for Details for each penetrant composition	ICT/PF 120-04
CAN/ULC S115	5	F Rating - 120 min., FT Rating - 27 to 120 min*, FH Rating - 120 min., FTH Rating - 27 to 120 min* * See Design Listing for Details for each penetrant composition	
ASTM E814,	1,2,3	T Rating - 0 min., F Rating - 0 min.	ICT/PF 120-05
CAN/ULC S115	1,2,3	F Rating - 120 min., FT Rating - 104 min., FH Rating - 0 min., FTH Rating - 0 min.	
ASTM E814,	1,2,3,4	T Rating - 101 min., F Rating - 120 min.	ICT/PF 120-06
CAN/ULC S115	1,2,3,4	F Rating - 120 min., FT Rating - 101 min., FH Rating - 120 min., FTH Rating - 101 min.	
ASTM E814,	5	T Rating - 16 min., F Rating - 120 min.	ICT/PF 120-08
CAN/ULC S115	5	F Rating - 120 min., FT Rating - 16 min., FH Rating - 120 min., FTH Rating - 16 min.	
ASTM E814,	5	T Rating - 120 min., F Rating - 120 min.	ICT/PF 120-09
CAN/ULC S115	5	F Rating - 120 min., FT Rating - 120 min., FH Rating - 120 min., FTH Rating - 120 min.	
ASTM E814,	1,2,3	T Rating - 120 min., F Rating - 120 min.	ICT/PF 120-10

CAN/ULC S115	1,2,3	F Rating - 120 min., FT Rating - 120 min., FH Rating - 120 min., FTH Rating - 120 min.	
ASTM E814,	5	T Rating - 12 to 24 min.*, F Rating - 120 min. * See Design Listing for Details for each penetrant composition	ICT/PF 120-11
CAN/ULC S115	5	F Rating - 120 min., FT Rating - 12 to 24 min*., FH Rating - 120 min., FTH Rating - 12 to 24 min* * See Design Listing for Details for each penetrant composition	
ASTM E814,	5	T Rating - 68 to 91 min*, F Rating - 120 min. * See Design Listing for Details for each penetrant composition	ICT/PF 120-12
CAN/ULC S115	5	F Rating -120 min., FT Rating - 68 to 91 min*., FH Rating - 120 min., FTH Rating - 68 to 91 min* * See Design Listing for Details for each penetrant composition	
ASTM E814,	3	T Rating - 120 min., F Rating - 120 min.	ICT/PF 120-13
CAN/ULC S115	3	F Rating - 120 min., FT Rating - 120 min., FH Rating - 120 min., FTH Rating - 120 min.	
ASTM E814,	1,3	T Rating - 120 min., F Rating - 120 min.	ICT/PF 120-14
CAN/ULC S115	1,3	F Rating - 120 min., FT Rating - 120 min., FH Rating - 120 min., FTH Rating - 120 min.	
ASTM E814,	1,3	T Rating - 120 min., F Rating - 120 min.	ICT/PF 120-15
CAN/ULC S115	1,3	F Rating - 120 min., FT Rating - 120 min., FH Rating - 120 min., FTH Rating - 120 min.	
ASTM E814,	1,3	T Rating - 0 to 120 min*, F Rating - 0 to 120 min.* * See Design Listing for Details for each penetrant composition	ICT/PF 120-16
CAN/ULC S115	1,3	F Rating -120 min., FT Rating - 118 to 120 min*., FH Rating - 0 to 120 min.*, FTH Rating - 0 to 120 min* * See Design Listing for Details for each penetrant composition	
ASTM E814,	1,2,3,4	T Rating - 120 min., F Rating - 120 min.	ICT/PF 120-17
CAN/ULC S115	1,2,3,4	F Rating - 120 min., FT Rating - 120 min., FH Rating - 120 min., FTH Rating - 120 min.	
ASTM E814,	1,2,3,4	T Rating - 120 min., F Rating - 120 min.	ICT/PF 120-18
CAN/ULC S115	1,2,3,4	F Rating - 120 min., FT Rating - 120 min., FH Rating - 120 min., FTH Rating - 120 min.	
ASTM E814,	1,2,5	T Rating - 120 min., F Rating - 120 min.	ICT/PF 120-19
CAN/ULC S115	1,2,5	F Rating - 120 min., FT Rating - 120 min., FH Rating - 120 min., FTH Rating - 120 min.	
ASTM E814,	3	T Rating - 0 min., F Rating - 0 min.	ICT/PF 120-20

CAN/ULC S115	3	F Rating - 120 min., FT Rating - 18 min., FH Rating - 0 min., FTH Rating - 0 min.	
ASTM E814,	1,3	T Rating - 82 min., F Rating - 120 min.	ICT/PF 120-21
CAN/ULC S115	1,3	F Rating - 120 min., FT Rating - 82 min., FH Rating - 120 min., FTH Rating - 82 min.	
ASTM E814,	4	T Rating - 120 min., F Rating - 120 min.	ICT/PF 120-22
CAN/ULC S115	4	F Rating - 120 min., FT Rating - 120 min., FH Rating - 120 min., FTH Rating - 120 min.	
ASTM E814. UL1479	6	T Rating - 120 min., F Rating - 120 min.	ICT/PF 120-23
CAN/ULC S115	6	F Rating - 120 min., FT Rating - 120 min., FH Rating - 120 min., FTH Rating - 120 min.	