

# THE BURN

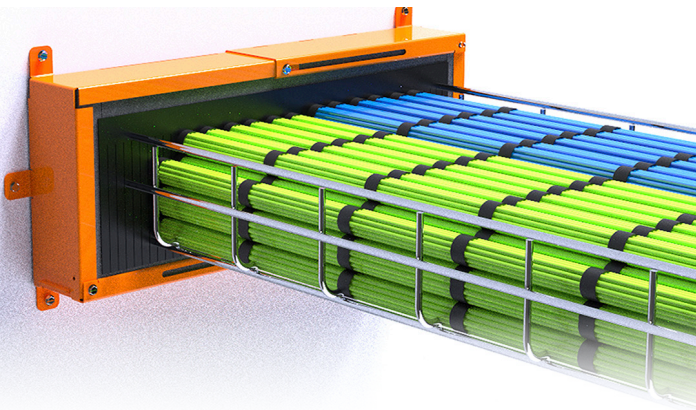
Spring Wrap Up 2024

## EZ Path® Cable Tray Retrofit Device: Now available in 24 inches



**Jess Bern**

*Digital Marketing Manager*



Our line of EZ Path® Cable Tray Retrofit Devices is expanding with our new 6" x 24" size, already available for order. The larger size is available with either slim mounting frames or mounting plates for oversized hole-in-wall applications. The EZ Path® Cable Tray Retrofit Device is designed to address existing non-compliant tray penetrations in fire-rated wall assemblies. Its split housing design is installed around cable tray penetrations, restoring fire-resistance ratings. In addition, it quickly restores compliance for cable tray penetrations loaded with up to 100% visual fill of cables. The device also features a built-in fire and smoke sealing system that installs around cable trays and fastens to the barrier surface. This new device fits a variety of cable tray styles and joins STI's other EZ Path® Cable Tray Retrofit offerings to accommodate cable tray widths from 12" through 24".

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Specified Technologies Inc. has built inventory in 12", 18", and 24" EZ Path® Cable Tray Retrofit Device sizes available for fulfillment immediately. EZ Path® Cable Tray Retrofit Devices are also available for 14", 16", 20", and 22" widths by special order.

[Product Data Sheet](#) ■



## UL Technical Evaluation Developer Program (TEDP) – Update

**Julio Lopes, CFPS**

Director of Engineering Services



**Solutions**



**Engineering Services**

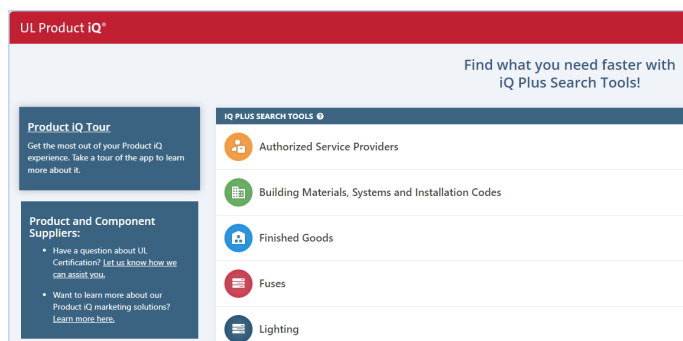


Figure 1

STI is now qualified as a UL Certified Technical Evaluator under UL's Technical Developer Program (TEDP)! To get there, all our Engineering Services staff in North America and Internationally, responsible for issuing Engineering Judgments, had to pass the UL TEDP exams. UL then audited our processes to verify compliance with the program. Now that we are in, UL will continue to audit us to ensure that we are adhering to our policies and management system.

Being part of this program should help with the acceptance of EJs by Authorities Having Jurisdiction (AHJs) since they should now have greater confidence that EJs are being issued based on appropriate testing, on sound Engineering principles, to the IFC guidelines, and that they will pass the stated ratings if fire tested. The hope is that this will cut down on the additional requirements that AHJs often impose and reduce the number of AHJs that entirely refuse to accept EJs.

So how do we prove compliance? Easy! Since we are now qualified, we are listed on UL's Product iQ®. You can get there by following this link: [UL Product iQ \(ulprospector.com\)](https://ulprospector.com). Once on the page, you will see a list of icons under the "IQ PLUS SEARCH TOOLS" heading, as shown in Figure 1.

Click the "Authorized Service Providers" icon to expand that list and select the circled link as illustrated in Figure 2.

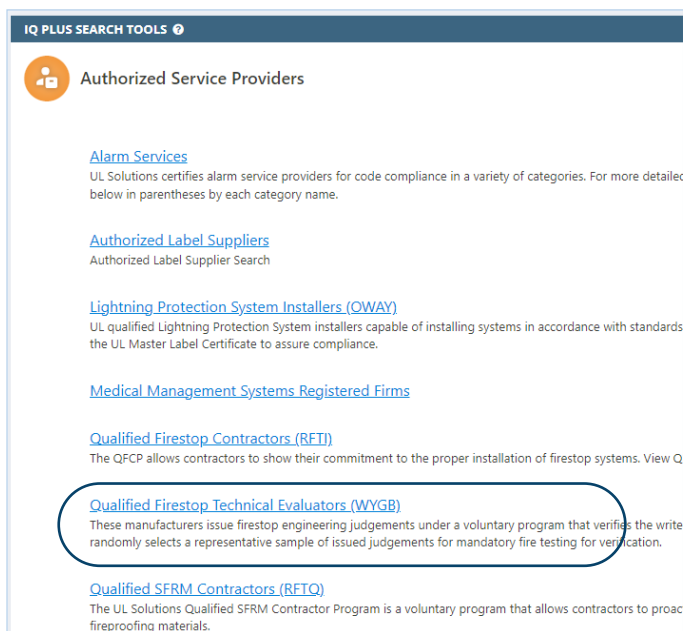
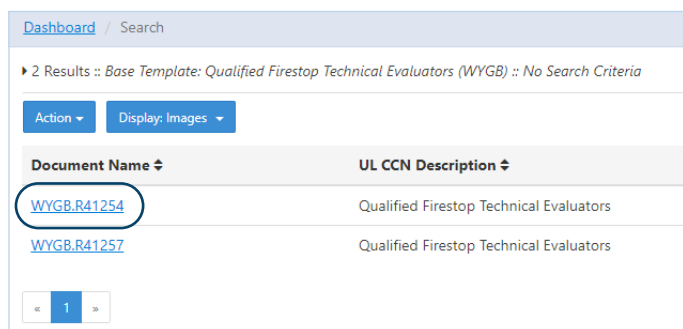


Figure 2

The STI file number is R41254, so we are listed first on the page. Next, click on the top link for our listing, as described in Figure 3.



Dashboard / Search	
2 Results :: Base Template: Qualified Firestop Technical Evaluators (WYGB) :: No Search Criteria	
Action ▾	Display: Images ▾
Document Name ▾	UL CCN Description ▾
<a href="#">WYGB.R41254</a>	Qualified Firestop Technical Evaluators
<a href="#">WYGB.R41257</a>	Qualified Firestop Technical Evaluators
1	

Figure 3

This will open our listing which is shown in Figure 4. This can be printed and sent out to anyone that requires evidence of compliance.

## Qualified Firestop Technical Evaluators

**COMPANY**  
**SPECIFIED TECHNOLOGIES INC**  
210 EVANS WAY  
BRANCHBURG, NJ 08876 United States

R41254

**SCOPE OF SERVICES**  
**PRODUCT TYPES:** (Through Penetrations and Linear Joints) (Perimeter Fire Containment)  
**STANDARDS:** US, Canada, and Europe  
**Contact:** Julio Lopes  
**Email:** [jlopes@stifirestop.com](mailto:jlopes@stifirestop.com)  
**Phone:** 908-526-8000  
**Website:** <https://www.stifirestop.com>  
**INITIAL QUALIFICATION DATE:** 04/30/2024  
**EXPIRATION DATE:** 12/31/2024

Last Updated on 2024-05-02

Figure 4

You will notice that we are approved to issue EJs for Through Penetrations, Joints & Curtain Wall (Perimeter Fire Containment) and to North American and European test standards. Depending on where the projects are in the world, we will continue to issue EJs referring to the most appropriate test standards since most of the world accepts either or both test standards.

I will continue to send updates in future editions of The Burn Newsletter, as we move along with this program.

Additional information is available on UL's website which you can access by following this link: [Technical Evaluation Developer Program | UL Solutions](#). ■

## SPOTLIGHT ON UL SYSTEMS



**David Vail**

P.E., Project Manager & Codes/Standards

### Cable Tray Retrofit Device Updates!

STI has delivered some exciting updates to our EZ Path® Cable Tray Retrofit Device systems, which since their original introduction several years ago have offered a simple solution for firestopping applications where existing cable trays with up to a 100% visual fill penetrate concrete or gypsum walls. Rather than removing cables to ensure compliance or attempting to verify if existing materials are appropriate and installed correctly an easy solution is the use of EZ Path® Cable Tray Retrofit Devices. Simply install the EZ Path® Cable Tray Retrofit Devices around the tray on each side of the wall and secure the devices with appropriate fasteners! The appropriate systems for gypsum and concrete walls respectively are [W-L-4102](#) and [W-J-4097](#), and recent updates to these listings now provide coverage for up to 24 in. cable trays. More details are provided in an article found earlier in this issue dedicated to the EZ Path® Cable Tray Retrofit Device.

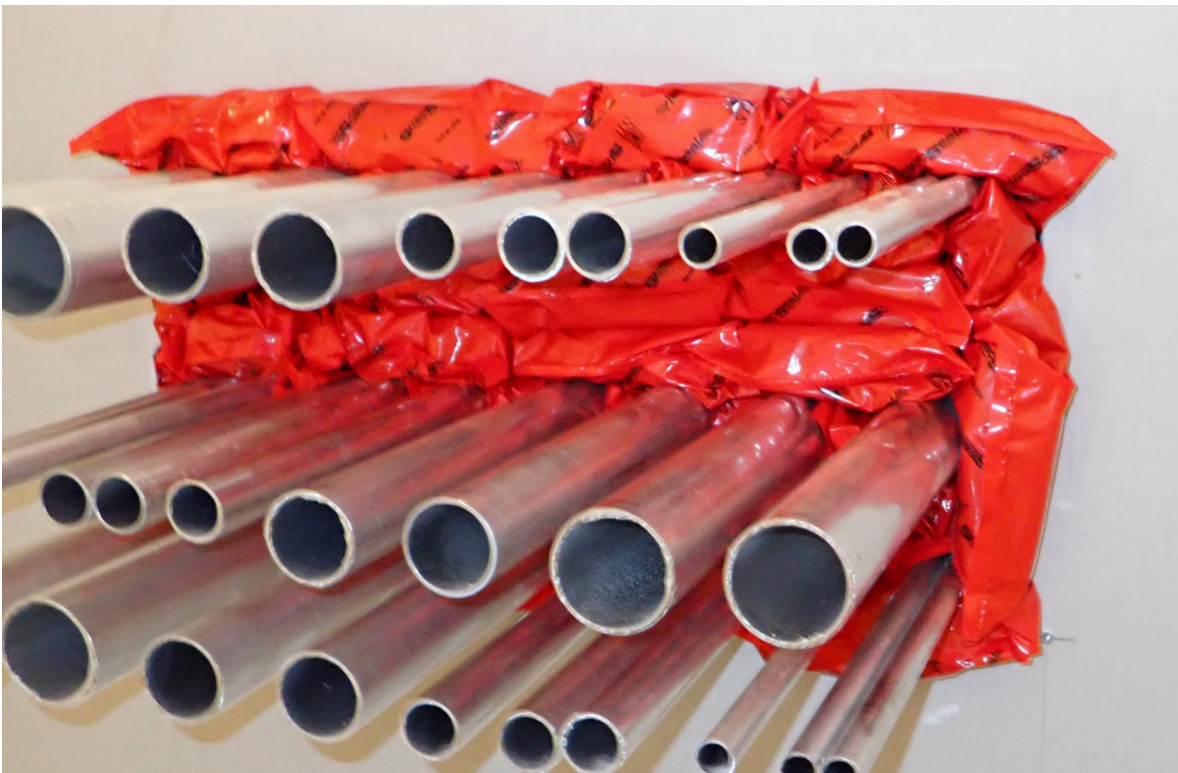


*EZ Path® Cable Tray Retrofit Device Upon Completion of Fire Endurance Testing (W-L-4102)*



## Aluminum EMT Applications!

STI has developed four new firestop systems that present easy solutions to installations where aluminum electrical metallic tubing is run through gypsum or concrete wall assemblies. SpecSeal® Firestop Pillows are utilized within framed out or sleeved openings in gypsum walls between the aluminum EMTs and the opening for single or multiple penetrants in [W-L-1609](#) and [W-L-8144](#), respectively. Similar coverage is provided in concrete or concrete block walls through [W-J-1336](#) and [W-J-8104](#). These systems all enjoy F Ratings of up to 2 Hr and include an option for using OmegaFlex MediTrac® Corrugated Medical Tubing as penetrants. The new listings also include L Ratings with leakage rates less than 1 CFM/sq ft at both ambient and 400°F. ■



*Aluminum EMT and Pillows Installation (W-L-1609, W-L-8144, W-J-1336 and W-J-8104)*



## New Courses Now Available on Firestop University

**John Zalepka**

Senior Manager, Engagement & Programs

Continuing education and training in construction, and firestopping in particular, is critical for maintaining safety, quality, and professional standards. Ensuring that your team is well-versed in the latest products, systems, technologies, and installation techniques is not just a matter of compliance but also a fundamental aspect of your commitment to safety and quality.

Firestop training is essential for maintaining high standards of fire protection in buildings. With the increasing complexity of construction projects and the introduction of new materials and methods, staying current with firestopping practices ensures that our installations meet stringent safety standards.

Firestopping on Cross-Laminated Timber (CLT) projects and restoring STC ratings to barriers are hot topics currently, so STI has developed a few new courses this year, "Mass Timber Firestopping: Containing Fire in Combustible Compartments" and "Restoring STC through proper firestopping" to meet the growing interest in these matters.



You can find these course titles, as well as many others on the [Firestop University](#).

## FIT2 Fall Registration Now Open

Firestop Instructional Training (FIT) – Level 2 offers the chance to gain valuable knowledge and skills with our dynamic, 2-day, "behind-the-scenes" firestop training experience. Whether you're a designer, contractor installer, code compliance officer, maintenance manager, life-safety officer, or a passionate individual eager to grasp the intricacies of firestopping – this course is your gateway to excellence. FIT2 certification satisfies many in-house specifications and is also accredited with AIA, ICC, and BICSI for continuing education credits.

The remaining dates for 2024 are September 24 – 25 and October 22 – 23 at STI's corporate headquarters in Somerville, NJ.

[Click here](#) for registration information. ■





# Two Powerful UL Systems for Perimeter Fire Containment

**James Stahl Jr., CFPS, CDT**

*VP & General Manager, Engineering & Emerging Businesses*

In a recent team meeting, I was reminded of the power of a particular UL System for edge-of-slab conditions with steel-framed exterior walls.

In steel-framed exterior wall conditions with a cantilevered floor runner (sometimes referred to as platform-framing) positioned on the floor slab's edge, a gap between the floor edge and exterior sheathing needs to be protected to meet the IBC's criteria mandating perimeter fire containment systems tested to ASTM E2307. In such conditions, the traditional method was to fill the top of the floor runner with mineral wool safing insulation and apply the firestop spray atop the safing (See Figure 1). This application method is consistent with UL System No. CW-S-0003 for SpecSeal® Firestop Products and similar system designs for other manufacturers' products.



Figure 1

With our SpecSeal® TTG intumescent gaskets, this cumbersome application method is a thing of the past. Install TTG to the floor runner before placement, and you can achieve a fully compliant ASTM E2307 listed system. TTG provides a clean installation in a single step (See Figure 2). The basis for this design is UL System No. CW-S-0007, featuring TTG.

To learn more about unlocking the power of our tested and listed systems for perimeter fire containment, contact one of our experienced curtain wall and façade specialists today! ■



Figure 2





The STI Digital Team is proud to announce the release of Firestop Clash Management (FCM) version 1.2.6963! Notable updates in this release are:

- Updated support for Autodesk Revit 2022-2024
- Parallel Tolerance, increase detection of construction joints.
- Support for Upload to Firestop Locator (FSL). This new feature eliminates the manual work of exporting out of Revit and manually uploading into Firestop Locator.
- We have addressed several minor bug fixes and made general improvements and optimizations across the plugin.

Along with this update we've added several new articles to our Digital Knowledge Base with walk throughs for the different features of Firestop Clash Management, check them out [here](#). You can find our full release notes for this update [here](#). ■



## Digital Know How

**Justin Pine**

*Senior Manager, Software & Services*

Our Digital Solutions team is proud to announce the release of our new Digital Knowledge Base at [knowhow.stifirestop.com](https://knowhow.stifirestop.com). This new resource is a living library of posts covering General Information, Tutorials, and Troubleshooting steps for our growing catalog of Digital Solutions. For our initial release we've focused our posts on Firestop Locator, Firestop Clash Manager, and System Search & Submittal Builder but you can expect this library to grow over time with additional posts on these three applications as well as our other applications.

In the future you can expect new digital product announcements and feature updates/enhancements to be promoted here as well. If there are any topics about our Digital Solutions that you'd like to see covered please e-mail [softwaresupport@stifirestop.com](mailto:softwaresupport@stifirestop.com) ■

How can we help?

🔍 Search for answers







# Manufacturers Rep of the Year Announcements

**Brian Hengstenberger**

*Director of Communications & Electrical Segments*

2023 was a challenging yet successful year in the electrical and low voltage segments being incredibly competitive and changing the ways to conduct business. There are two standout contributors worthy of acknowledgement.

Specified Technologies Inc. is proud to announce our Electrical Rep of the Year award to **George Pickett & Associates** covering the Carolina's and Southern Virginia for us. GP&A's commitment to driving revenue growth, service and field engagement have earned them STI's top spot in the electrical segment. In addition to STI core product growth year-over-year, the cooperation, teamwork, and collaboration amongst the STI field staff has led to overall success in this geography.

Specified Technologies Inc. is also proud to announce our Communications Rep of the Year award to **Ewing Foley Inc** (Southern California). Although a wonderful year for Ewing Foley with STI in other geographies, this group shined, driving revenue growth, service and field engagement earning them STI's top spot in the communications segment. In addition to overall EZ Path® family product growth year-over-year, the cooperation, teamwork, and collaboration amongst the STI field staff has led to overall success in the Southern California market. ■



## Product Field Shots



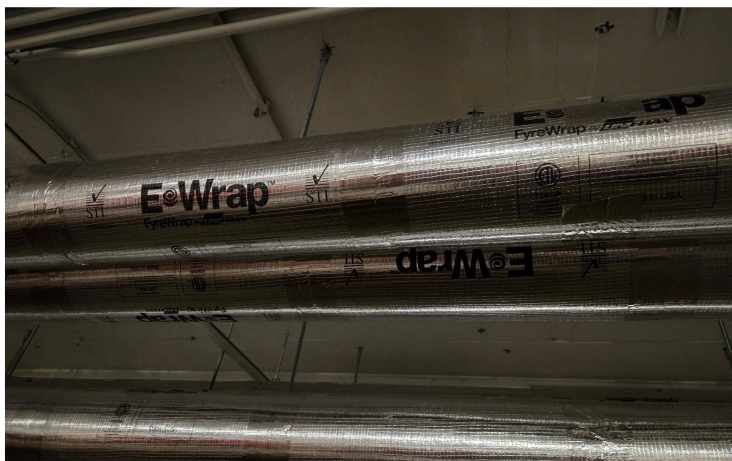
### SSP Putty Pad Installation

Project: N/A  
Location: Kitchener, Ontario  
Contractor: NexLevel



### LCI Sealant Installation Around Mixed Penetrants

Project: Idaho Outdoor Field House - HBOT  
Location: Boise, ID  
Contractor: L2 Insulation



### E-Wrap Installation

Project: CHOP PAOB  
Location: Philadelphia, PA  
Contractor: Thermal Solutions

## Upcoming Trade Shows

### Florida Healthcare Engineering Association

06/19/2024 - 06/21/2024

World Equestrian Center, Ocala, FL

Booth #514

### NYC Life Safety Symposium

06/25/2024

The Cornell Club, NYC

### Facades Boston

07/17/2024

The Westin Copley Place, Boston, MA

### Healthcare Facilities Innovation Conference

07/21/2024 - 07/24/2024

Anaheim Convention Center, Anaheim, CA

Booth #627

### North Carolina Healthcare Engineers Association

08/06/24 - 08/09/24

Wilmington Convention Center, NC

### BICSI Fall 2024

09/15/24 - 09/19/24

Caesars Forum, Las Vegas, NV

Booth #2029

### Northern Ohio Society for Healthcare Engineering

09/19/24

Landerhaven, Cleveland, OH

## M E E T T H E TEAM



### Michael Bloom

Applications Engineer

#### What is your role at Specified Technologies Inc. and how long have you been here?

My role here at STI is as an Application Engineer working with the Engineering Services Team. *(Michael began recently in April 2024!)*

#### What is one bucket list item of yours?

I would like to take a flight in a fighter jet, such as a ride with one of the Blue Angels. If not that, I could settle for a trip to space.

#### What project have you worked on in your career that you are most proud to have been a part of?

I was proud to obtain my Lean Six Sigma Green Belt Certification, while working for my previous organization. I collaborated with several departments to provide information to customers to better streamline processes.

#### What is your favorite part about working in the firestop industry?

It gives me great peace of mind knowing that every day, I am helping to save the loss of life and aiding our first responders by helping to retain the structural integrity of the buildings they are fighting in.

#### What is one fun fact about yourself?

I am willing to admit I am addicted to motorcycles. My current one is a 2019 Honda Fury. I enjoy going on longer rides and enjoying the countryside. Often, my destination is a fine State Park, and then I enjoy a nice hike with a beautiful backdrop.