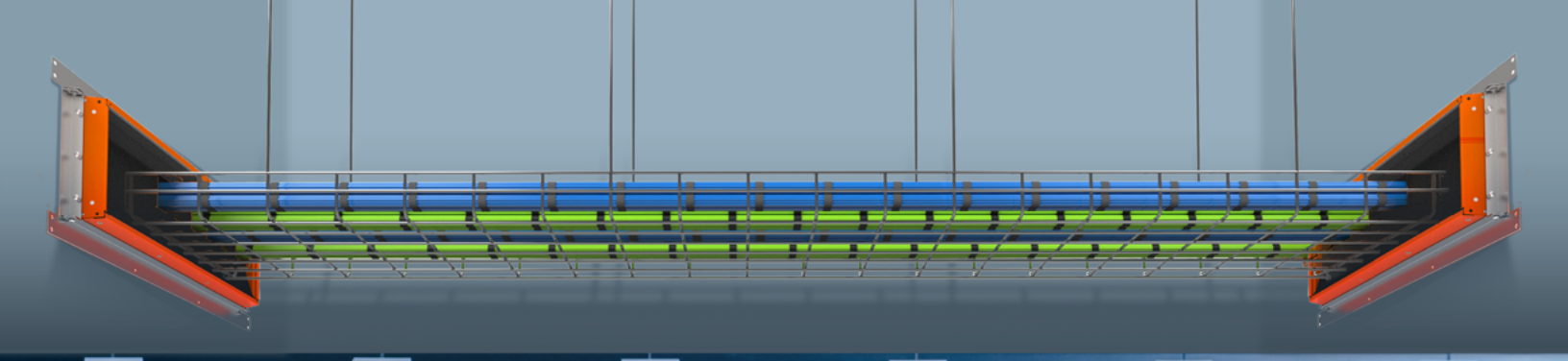




Your First Stop in
Data Center Protection
Solutions for Fire & Smoke Containment

Specified Technologies Inc.
STI
Firestop, Smoke, & Sound Solutions



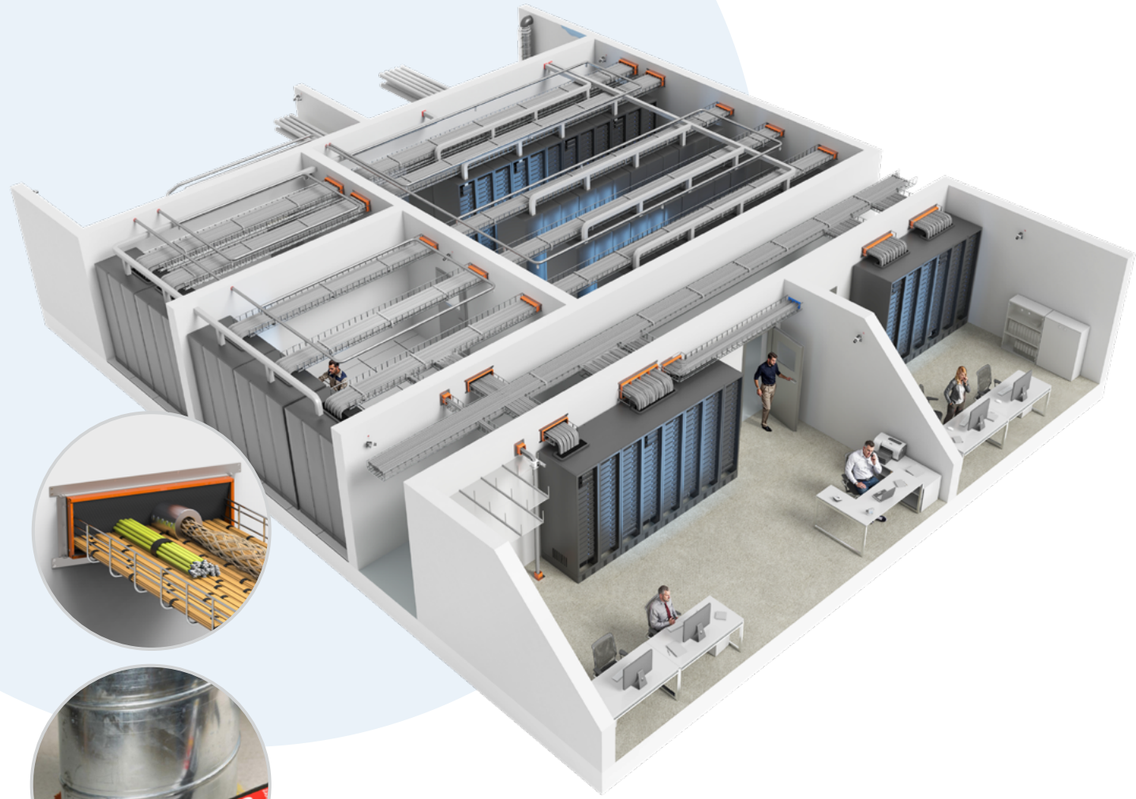
We engineer peace of mind.

For over 35 years, our team has worked hand in hand with the construction industry to create simple solutions to complex firestopping problems. At STI, we provide innovative and cost-effective solutions for new construction and the retrofitting of existing buildings. What sets our company apart is our singular focus on firestopping, which enables us to offer fully tested and customized systems, often at a lower total cost of ownership.

STI has a dedicated Engineering Services Team that partners with you to identify the best solutions and systems that meet your specific project needs. Our customers are always our top priority, and we strive to ensure your experience is as seamless as our system applications. That is why we also offer industry-leading training and educational opportunities both in-person and through our virtual Firestop University.

The majority of our products are proudly manufactured or assembled in the United States, supporting American jobs and craftsmanship. Many are UL GreenGuard Gold Certified, reflecting our commitment to clean, sustainable formulations. We protect lives, assets, and the environment. We look forward to collaborating with you on your next project.

Specified Technologies Inc.
Firestop, Smoke, & Sound Solutions







Data Center Barrier Protection

Data Center Designers face some unique challenges when it comes to cable pathways. They need to ensure robust seals to keep conditioned air in, maintain physical security, adapt to post-construction cable count changes, and address concerns about cable density. EZ Path® Fire-Rated Pathways were engineered to address these specific issues, providing field- and laboratory-tested configurations that protect occupants and assets, not only during normal Data Center operations, but also in the event of a fire.

Complete Firestop Solutions for Data Centers

Fire-Rated Penetration Solutions for Plumbing, Mechanical, & Cooling Systems



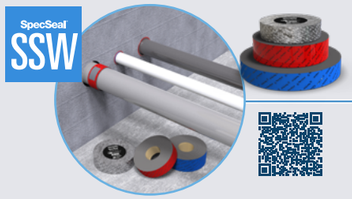
Premium Grade Intumscent Firestop Sealant

SpecSeal® SSS Firestop Sealant is a premium intumescent sealant with advanced two-stage intumescent technology, ideal for both combustible and non-combustible penetrants.



Intumescent Firestop Sealant

SpecSeal® LCI Firestop Sealant is a water-based intumescent sealant for a wide range of through-penetration and construction joint applications.



Intumescent Wrap Strips

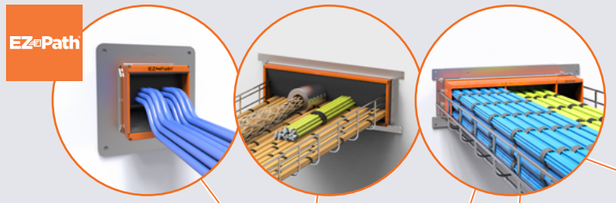
SpecSeal® SSW Wrap Strips used with restraining steel collapses non-metallic pipes up to 12 inches in diameter.

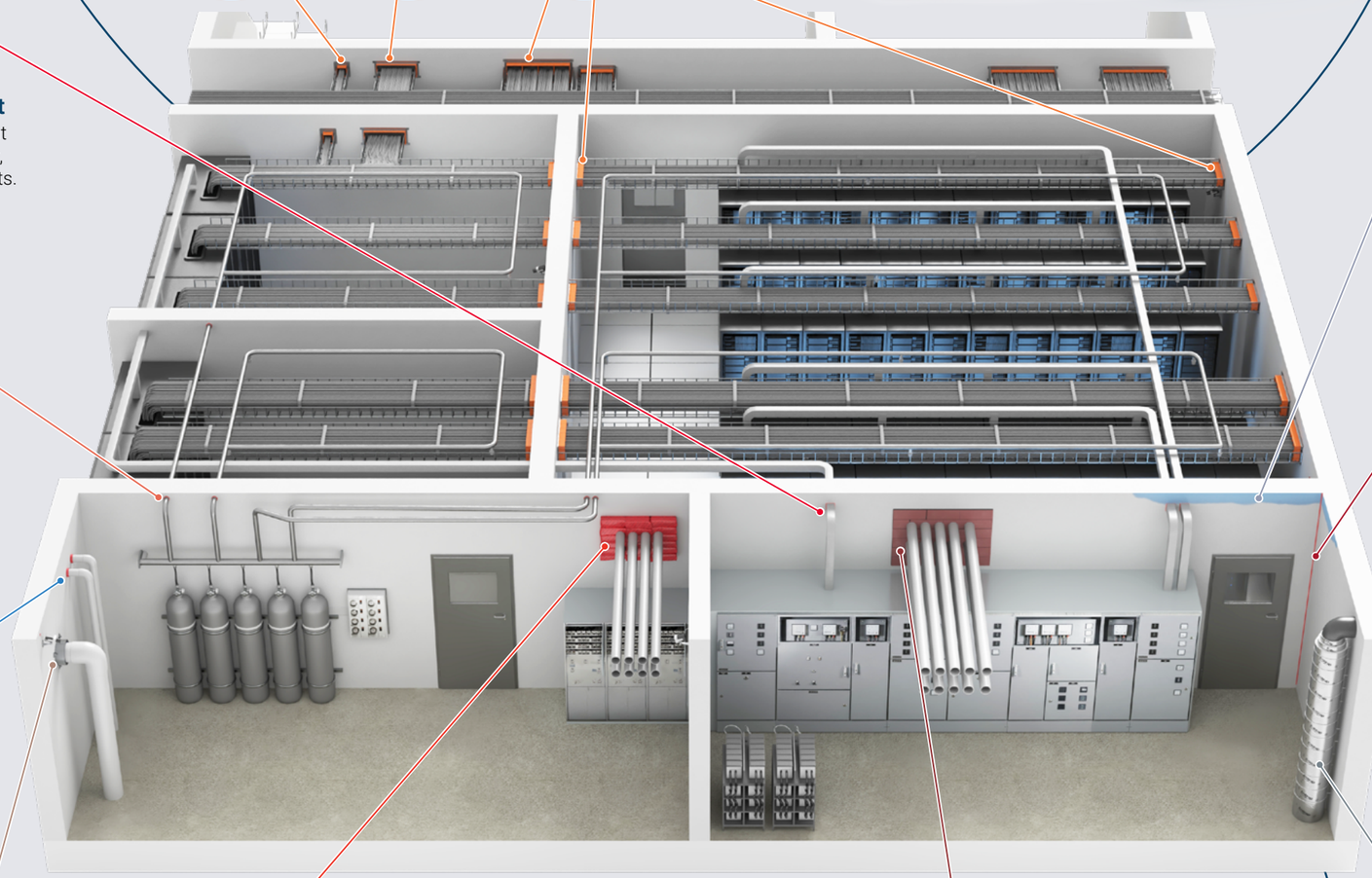


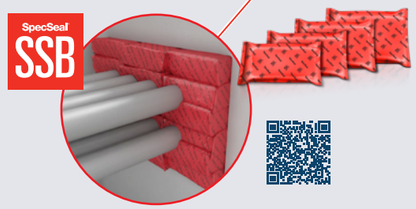
Intumescent Firestop Collar

SpecSeal® LCC Firestop Collars are factory-made devices for plastic pipes up to 4 inches.

Fire-Rated Cable Management Solutions







Intumescent Firestop Pillows

SpecSeal® SSB Firestop Pillows compress to fit around any penetrant, ideal for new and existing firestop conditions, even complex ones.

EZ Path Low Voltage Pathways

The EZ Path family provides fire-rated pathway solutions for various applications, from small cable bundles to high-capacity cable trays. Self-sealing technology promotes low maintenance, while fast, repeatable installs ensure code-compliant performance and drive project schedules forward.





Firestop Firestop Blocks

SpecSeal® Firestop Blocks are foam-like bricks that expand in high temperatures to block fire, smoke, and gas.

Fire-Rated Wall Continuity & Dynamic Movement Solutions



Elastomeric Firestop Spray

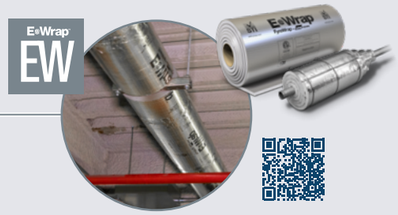
SpecSeal® AS200 is a latex-based firestop for construction joints and perimeter fire barriers, providing a durable seal that blocks combustion products and accommodates high dynamic joint movement.



Endothermic Firestop Sealant

SpecSeal® LC Endothermic Sealant is a latex firestop sealant for joints and non-combustible penetrations, forming a heat-absorbing, flexible seal that resists fire.

Fire-Rated Circuit Integrity Solutions



Protective Wrap

E-Wrap Endothermic Wrap protects critical circuits and infrastructure, such as fire pumps, signaling equipment, elevators, alarms, process controls, emergency communications, and fuel oil piping from fire hazards.

Firestop Solutions by Trade

Low Voltage Pathways Solutions



- Comprehensive fire-rated cable pathway solutions for wall and floor penetrations, accommodating applications from individual cable bundles to high-capacity cable tray systems
- Designed to simplify installs and support fast-track construction projects
- Solutions for both new construction and retrofit applications
- Self-sealing intumescent technology adjusts automatically to maintain firestop performance. No additional firestop materials required
- Adaptable solutions support a wide range of cable management methods and simplify Moves, Adds, and Changes (MAC)
- Low-maintenance, code-compliant solutions support evolving network infrastructure

Electrical Solutions

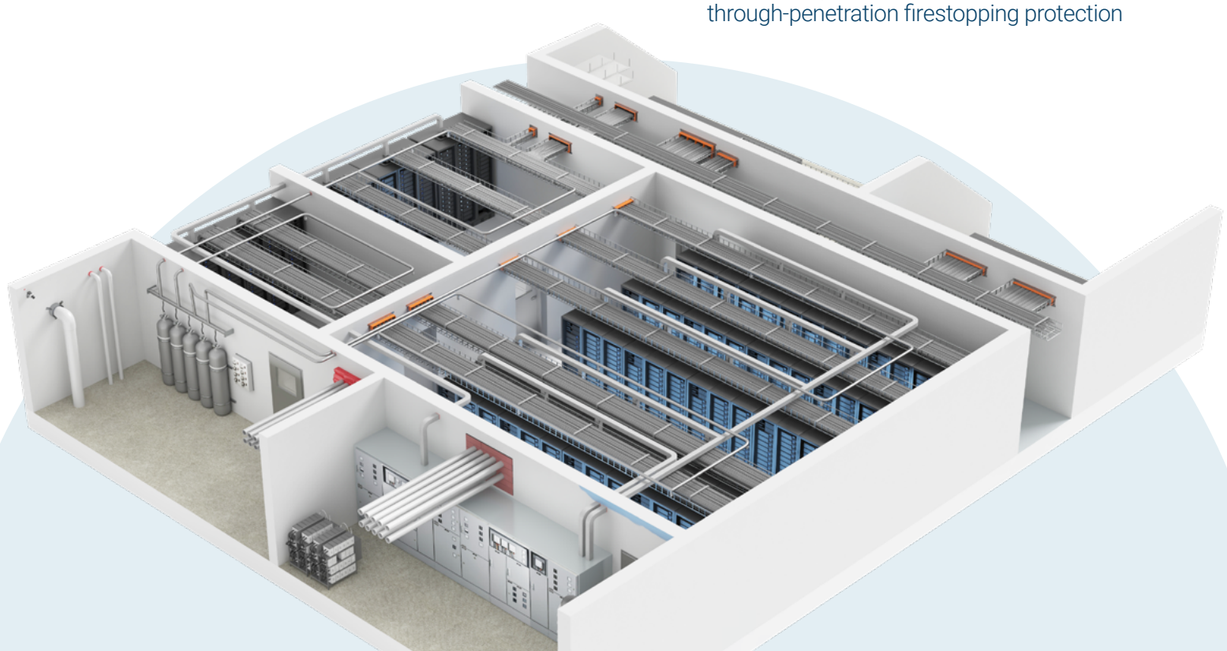


- Comprehensive testing package addressing common electrical penetrations including metallic and nonmetallic conduits, cable trays, busways, armored and non-metallic sheathed wiring
- SSS Sealant easily works into tight spaces between tightly grouped conduits, bundled cables, and along busway casings creating a robust seal against fire and smoke
- Water-based for easy installation, cleanup, and disposal

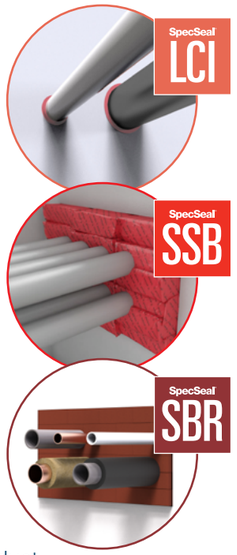
Interior Joint Solutions



- SpecSeal® AS200 Spray forms a robust seal against the passage of fire, smoke, and sound while accommodating for up to 50% movement capabilities
- SpecSeal® AS200 Elastomeric Spray is designed primarily for the protection of construction joints, curtain wall safing gaps, and certain through-penetrations
- SpecSeal® LC Endothermic Sealant is a latex based sealant formulated for addressing fire-rated construction joints as well as sealing non-combustible penetrations
- LC Sealant allows for dynamic movement in narrow joint conditions
- LC Sealant is stored in non-tapered buckets for ease of bulk loading
- SpecSeal® AS200 Spray and SpecSeal® LC Endothermic Sealant both meet LEED™ v3, v4 & v4.1 requirements for low emitting materials credits

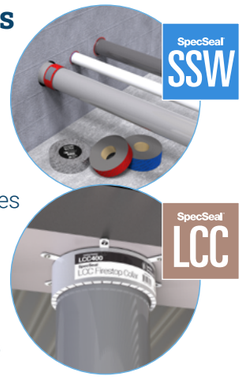


Mechanical Solutions



- LCI Sealant easily works into tight spaces, such as within AC Linesets, forming a robust seal against the passage of fire, smoke, and air
- LCI Sealant is tested with rectangular, round, and oval ductwork in wall and floor assemblies
- LCI Sealant is compatible with Vented PVC Condensate Piping as well as AB/PVC, Fiberglass, Mineral fiber, Cellular Glass, Polyisocyanurate, and Polyethylene pipe and duct insulations
- LCI Sealant is water- based for easy installation, cleanup, and disposal
- SSB Firestop Pillows easily compress and conform around any penetrant and are re-enterable allowing for future work
- SBR Firestop Blocks are intumescent bricks for through-penetration firestopping protection

Plumbing Solutions



- SpecSeal® Wrap Strips are tested with a range of plastic pipe sizes from 1 in (25.4 mm). up to 18 in. (457.2 mm) Trade Size in common construction types
- SpecSeal® LCC Firestop Collars are an out of the box solution presized for pipes from 1-1/2 in. (38.1 mm); 4” (101.6 mm) Trade Size
- SpecSeal® Wrap Strips and LCC Collars are both tested with a range of plastic pipe types including PVC, CPVC, HDPE, FRP, FRPP, XFR, and others
- Compatible with Lubrizol CPVC Sprinkler piping systems
- 1 in. (25.4 mm); 18 in. (457.2 mm); 1-1/2 in. (38.1 mm); 4” (101.6 mm)

Protective Wraps



- E Wrap™ Endothermic Wrap is the ideal solution for protecting panel boxes and critical infrastructure such as back up power lines, fire pumps controls, and signaling circuits
- Tested to ASTM E1725 providing circuit integrity for a range of electrical pathway types including Electrical Metallic Tubing (EMT), Rigid Metallic Conduits (RMC), and cable trays.
- Tested to UL1489 for protection of liquid fuel oil lines feeding generators and other emergency service
- Fewer layers required for achieving protection compared to competing wraps

Digital Solutions

Guide Specs

Guide Specifications for products and solutions addresses common firestop issues. STI provides easily editable Word formats that allow you to create project specifications. Each Guide Specification includes only the language and firestop products relevant to its division and can be used as-is or as additional content in an existing specification.

The Firestop University

The Firestop University provides access to STI's learning material and product tutorials.

- Receive instant notifications when new content is added
- Immediate score feedback after assessment
- Mobile device compatible

System Search & Submittal Builder

- Find firestop systems on your phone, tablet, or the web
- Streamlined firestop system submittal package
- Integrate user documents and company logos
- Embed engineering judgement documents

Firestop Locator

Firestop Locator provides a method to simplify firestop documentation. Whether reports are necessary to fulfill contract obligations or data is being used internally for quality control and management purposes, tracking and reporting methods are essential.

- Interactive floor drawings
- Track penetrations, joints, doors, dampers
- Mobile device compatible
- Streamline the Firestop tracking process
- Add team members to any project

LEED® Credit Calculator

Generate a Customized LEED® Credit Letter for submission in any project.

Engineering Support Services

The largest resource of firestop experts in the industry under one roof that deliver solutions in 2 business days*:

- Engineering judgments
- Specification reviews
- Custom firestop training
- Technical inquiries & LEED letters
- Project plan review
- Documentation for AHJ's
- Building Information Modeling (BIM)

BIM Objects

STI Firestop offers BIM objects for architects and engineers to import into building models. Developed using Autodesk Revit®, these objects offer a quick and effective method to integrate firestop into your complex building design.

FCM Firestop Clash Management

A powerful plugin for AutoDesk Revit.® The FCM (Firestop Clash Management) plugin uses clash detection to find locations where penetrants meet fire-rated barriers and automatically selects the appropriate firestop systems. It removes the complexity of designing firestop systems and ensures that when it comes time for construction, the chosen systems provide the fastest installation and the best installed cost.

Detail Sheet Generator

Generate a selection of firestop system details on a CAD detail sheet.

Specified Technologies Inc.
Firestop, Smoke, & Sound Solutions

ZSTI3622 26204