Innovative products and solutions for life safety and code compliance.
For over 25 years, Specified Technologies Inc. has worked closely with the construction industry to create simple solutions to complex firestopping problems across a broad range of market segments and industries worldwide.

We offer the most comprehensive range of firestop products on the market and back them with the most UL® tested systems in the business—over 1,400—from penetration firestop systems and perimeter barrier solutions to static and dynamic construction joints.

Because firestopping is our exclusive focus, we have been at the forefront of developing the most advanced and cost-effective firestop solutions on the market. STI Firestop is committed to supporting customers by providing sustainable firestop solutions, treating them like partners, and by consistently adding value beyond the sale.

You can depend on STI to provide expert advice, superior performance, premium quality products, best-in-class service, and training and support while delivering a total firestop solution.

Global presence

STI has offices and representation throughout the United States, Canada, Europe, the Middle East, India, China, Southeast Asia, and Latin America. We partner with over forty independent rep agencies and work with over 1,000 distribution outlets worldwide, providing extensive international coverage and offering our customers the personal attention they deserve.

Putting products and resources to work for you

Most UL® Certified Perimeter Fire-Barrier Systems’ in the Industry

60% - STI
19% - 10 Others
11% - Rectorseal
8% - Hilti
2% - 3M

* STI has more UL® Certified perimeter fire containment systems than all other suppliers combined. Source: UL® Directory as of 1/2019

Notable projects

- One World Trade Center, New York, NY
- Comcast Tower, Philadelphia, PA
- Al Dar Headquarters, Abu Dhabi
- Petronas Twin Towers, Kuala Lumpur, Malaysia
- IBM Tower, Alpharetta, GA
- One World Trade Center, New York, NY
- CCTV, Beijing, China
- Pentagon, Washington, DC
- Boeing Aircraft, Renton, WA
- Barclays Center, Brooklyn, NY
Engineering Judgments in 24* hours or less

Engineering judgments are critical for expediting your projects. Waiting for answers costs you time and money — why wait? We deliver EJ’s within 24 hours on average.

STI’s engineering service experts are ready to help you optimize productivity during design, construction, and post-construction. They work in conjunction with our world-renowned engineering team, offering solutions to complex firestopping problems to help you ensure code compliance.

Research & Development
STI’s philosophy is solely focused on firestop innovation. It’s all we do. Our engineering development team consistently pushes the envelope to develop new sustainable products and systems to enhance life safety protection.

On-site Fire Lab
STI is a UL® Approved testing facility equipped with a state-of-the-art environmentally friendly burn furnace. Tests are performed on a consistent basis in order to quickly develop new products and standards for the firestop industry.

Engineering Services Team
The largest resource of firestop experts in the industry under one roof that deliver timely solutions for:

- Engineering judgments
- Technical inquiries & LEED letters
- Custom firestop training
- Project plan review
- Documentation for AHJ’s
- Technical inquiries & LEED letters
- Specification review
- Building Information Modeling (BIM)
- Upfront detail sheet generation

Guide Specs
Access Guide Specifications for products or solutions for common Firestop issues. STI offers easily editable Word formats for use in the creation of project specifications.

The Firestop University
The Firestop University gives you access to all of STI’s learning material and product tutorials.

- Receive instant notifications
- Mobile device compatible
- Earn “Blue Bucks” and redeemed for gift cards

System Search & Submittal Builder
- Find firestop systems on your phone, tablet, or 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.

- Interactive floor drawings
- Track penetrations, joints, doors, dampers
- Mobile device compatible
- Streamline the Firestop tracking process
- Add team members to any project
- Turn-key solution with pre-printed QR labels
- Generate detailed reports (PDF and Excel)

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
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 systems selected provide the fastest installation and best installed cost.

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

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

STI provides a toolbox of innovative online programs to remove the complexity of designing firestop systems. A set of powerful tools assure that the right systems are selected for the fastest and most cost-effective installation.
Find firestop solutions by application

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Find the products designed for the work you do.
For your convenience every product in this guide lists its features and benefits, test standards and approvals, and illustrates common applications. If you have any questions, don’t hesitate to give us a call at 800-992-1180 ext 1.
STI understands the complexities of data and communication cabling distribution in the built environment. We provide end-to-end fire and smoke sealing solutions that alleviate the headaches associated with firestopping methods.
The Smart Choice.

EZ-Path® saves time, money, and resources by removing ongoing downstream costs. Only EZ-Path® helps you avoid citations and costs associated with non-compliance. Other sleeves require constant upkeep, ongoing maintenance, and inspection to ensure compliance.

You can never be certain that other sleeves have been activated, plugs and putty have been replaced, or that they have been properly sealed to meet codes. And now that The Joint Commission mandates 60 DAY RFIs (Requirements for Improvement) for survey deficiencies—ongoing code compliance is more important than ever.

Annual inspection and maintenance of firestop systems is required by code. An Evaluation Service Report (ESR)* was issued on May 20, 2016 by UL® for EZ-Path® Fire-Rated Pathways confirming code compliance with the International Building Code® (IBC), International Fire Code® (IFC), and NFPA 101, “Life Safety Code®” (LSC). The report goes on to confirm that, when properly installed—EZ-Path® Pathways are exempt from ongoing maintenance.

Unlike other sleeves, EZ-Path® has no moving parts and requires no action to activate the internal sealing mechanism—making it the only rated firestop device that is compliant right out of the box.

**Most cable penetrations were found to be out of compliance except for EZ-Path.**

Global Fire Protection Inspections Department

The Only Maintenance-Free Pathway.

For Contractors and Maintenance Professionals.
Concerns about failing inspections become a thing of the past with EZ-Path®. The system is easy to visually inspect and is ideal for both new construction and existing conditions.

For the Health Care Professional.
Infection control is paramount in healthcare facilities. EZ-Path® minimizes the spread of hospital-acquired infections (HAIs) by reducing or eliminating trips above the ceiling to unseal, reseal, or adjust equipment of any kind.

For the Owner.
EZ-Path® eliminates downstream labor costs with the use of pull strings inside the EZ-Path® devices, for easy cable MAC work from remote locations—saving you time and money over the life cycle of the building.

For Architects, Consultants, Specifiers, and RCDDs.
EZ-Path® provides you with a complete solution to help protect the legacy of your project. Whether it’s the engineered aesthetics, the robust design, the dynamic features, the ability to “future-proof” the design, or the unparalleled performance—EZ-Path® has you covered.

For the Cable Installer and IT / ICT Professional.
Recognized as best practice by trade professionals, EZ-Path® protects your network. Maintain compliance while navigating the demands of perpetually evolving floor, wall, and ceiling penetrations that result from equipment expansions and technology upgrades. Easy to install with nothing to maintain, EZ-Path® lets you execute continuous cable pulls while allowing your network to run at peak performance.

"Most cable penetrations were found to be out of compliance except for EZ-Path®."

Global Fire Protection Inspections Department

"Over its lifecycle, EZ-Path® pays for itself many times over."

Jeff Combs
Fire Marshal, Major U.S. Medical System

"Over its lifecycle, EZ-Path® pays for itself many times over."

Jeff Combs
Fire Marshal, Major U.S. Medical System

Over its lifecycle, EZ-Path® pays for itself many times over.
Applications

Smoke & acoustical pathway
For non-fire-rated walls

Grommets
For single-cable applications

EZ-Path multigang solutions
For space-saving vertical & horizontal applications

EZDR Retrofit Device
For overfilled sleeves

Smaller footprint
For greater cable capacity compared to traditional methods

0-100% cable fill
Self sealing & always compliant

EZ cable pull
For easier moves, adds, & changes

Extensions
For thicker walls
Series 44+ Fire-Rated Pathway

The EZ-Path® Series 44+ Fire-Rated Pathway is a maintenance-free pathway solution designed for high cable volume conditions through fire-rated walls and floors. The Series 44+ incorporates self-sealing intumescent pads that automatically adjust to the installed cable fill without the need for user manipulation. Under fire exposure, the intumescent pads expand and swell, resisting the passage of smoke and flame.

Features & Benefits:
- Self Sealing design provides exceptional fire and smoke leakage ratings
- Allows for easy moves, adds, and changes
- Designed for new and existing conditions
- Variety of accessories available for any field condition
- Modular grid system for riser applications
- Greatest achievable cable density of any solution on the market

Specifications

<table>
<thead>
<tr>
<th>EZ-Path Product</th>
<th>Height x Width</th>
<th>Length (in.)</th>
<th>Volume Expansion</th>
<th>Can be Ganged</th>
<th>Can be Lengthened</th>
<th>Insert into Core Hole</th>
<th>Attached to Conduit</th>
<th>Fire Rating in Walls</th>
<th>Fire Rating in Floors</th>
</tr>
</thead>
<tbody>
<tr>
<td>RFG1</td>
<td>9/16 in. diam. (14 mm)</td>
<td>1-5/8 in. (41.3 mm)</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>9/16 in. (14 mm)</td>
<td>—</td>
<td>To 2 hours</td>
<td>—</td>
</tr>
<tr>
<td>RFG2</td>
<td>1 in. diam. (25 mm)</td>
<td>1-5/8 in. (41.3 mm)</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>1 in. (25 mm)</td>
<td>—</td>
<td>To 2 hours</td>
<td>—</td>
</tr>
<tr>
<td>Series 22</td>
<td>1-1/2 in. x 2-1/2 in. (38 mm x 38 mm)</td>
<td>10-1/2 in. (267 mm)</td>
<td>30X</td>
<td>—</td>
<td>—</td>
<td>2 in. (51 mm)</td>
<td>—</td>
<td>Up to 4 hours</td>
<td>Up to 4 hours</td>
</tr>
<tr>
<td>EZDR200</td>
<td>3-1/2 in. x 4-1/8 in. (89 mm x 105 mm)</td>
<td>2-3/4 in. (70 mm)</td>
<td>24X to 48X</td>
<td>—</td>
<td>—</td>
<td>2 in. (51 mm)</td>
<td>—</td>
<td>Up to 2 hours</td>
<td>Up to 2 hours</td>
</tr>
<tr>
<td>Series 44+</td>
<td>4 in. x 4-5/8 in. (102 mm x 118 mm)</td>
<td>14 in. (356 mm)</td>
<td>15X</td>
<td>—</td>
<td>—</td>
<td>6 in. (152 mm)</td>
<td>YES</td>
<td>Up to 4 hours</td>
<td>Up to 2 hours</td>
</tr>
<tr>
<td>Series 33</td>
<td>3 in. x 3 in. (76 mm x 76 mm)</td>
<td>10-1/2 in. (267 mm)</td>
<td>15X</td>
<td>—</td>
<td>—</td>
<td>6 in. (152 mm)</td>
<td>YES</td>
<td>Up to 2 hours</td>
<td>Up to 2 hours</td>
</tr>
<tr>
<td>Series 33NEZ</td>
<td>7-1/2 in. x 7-3/8 in. (191 mm x 181 mm)</td>
<td>7-1/4 in. (183 mm)</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>6 in. (152 mm)</td>
<td>—</td>
<td>Not Rated</td>
<td>Not Rated</td>
</tr>
<tr>
<td>Series 33NEZ Ceiling</td>
<td>5 in. x 5 in. (127 mm x 127 mm)</td>
<td>10-1/2 in. (267 mm)</td>
<td>8 in.</td>
<td>—</td>
<td>—</td>
<td>4 in. (102 mm)</td>
<td>—</td>
<td>Not Rated</td>
<td>Not Rated</td>
</tr>
<tr>
<td>Series 33NEZ Ceiling</td>
<td>5 in. x 5 in. (127 mm x 127 mm)</td>
<td>5 in. overall</td>
<td>1-1/2 in. (38 mm) (111 mm)</td>
<td>—</td>
<td>—</td>
<td>4 in. (102 mm)</td>
<td>—</td>
<td>Not Rated</td>
<td>Not Rated</td>
</tr>
</tbody>
</table>

UPC# 730573 | ITEM NO. | CASE QTY (mm) | Single Pathway - Full kit

00100 EZD44S2 | 4 | Designed for new or existing cable installations through walls or floors up to 12 in. (305 mm) thick.

00106 EZDP44S2 | 1 | The Single Wall Plate Kit is designed to allow a single Series 44+ pathway to be installed in a 6 in. (152 mm) round opening or 2-1/4 in. x 2-3/8 in. (57 mm x 60 mm) O.D. Sleeves.

00144 EZP44W | 5 | The EZ-Path Series 44+ Fire-Rated Pathway is a maintenance-free pathway solution designed for high cable volume conditions through fire-rated walls and floors. The Series 44+ incorporates self-sealing intumescent pads that automatically adjust to the installed cable fill without the need for user manipulation. Under fire exposure, the intumescent pads expand and swell, resisting the passage of smoke and flame.

00148 EZP44R | 5 | The Split Wall Plate is engineered to facilitate the installation of the EZ-Path® Series 44+ pathway in fire-rated walls with existing cables. The pathway is designed to be installed in a 6 in. (152 mm) round opening or 4-1/8 in. x 4-1/2 in. (105 mm x 118 mm) opening.

00148 EZP44G | 5 | Multiple or Ganged Installation Options for Walls

00244 EZPS44W | 1 | Designed to allow 1 to 5 Series 44+ pathways to be installed in finished walls or as the wall is being built. Plates attach directly to studs, and pathways are installed prior to application of gypsum board. Brackets are suitable for attachment to studs spaced up to 24 in. (610 mm).

00248 EZPS44R | 8 | Designed to allow 1 to 10 Series 44+ pathways to be installed in finished walls or as the wall is being built. Plates attach directly to studs, and pathways are installed prior to application of gypsum board. Brackets are suitable for attachment to studs spaced up to 24 in. (610 mm).

00246 EZPS44DB | 8 | Designed to allow 6 Series 44+ pathways to be installed in finished walls or as the wall is being built. Plates attach directly to studs, and pathways are installed prior to application of gypsum board. Brackets are suitable for attachment to studs spaced up to 24 in. (610 mm).

00257 EZPS44BD | 8 | Designed to allow 12 Series 44+ pathways to be installed in finished walls or as the wall is being built. Plates attach directly to studs, and pathways are installed prior to application of gypsum board. Brackets are suitable for attachment to studs spaced up to 24 in. (610 mm).

00247 EZPS44BV | 8 | Designed to allow 1 to 5 Series 44+ pathways to be installed vertically in finished walls or as the wall is being built.

UPC# 730573 | ITEM NO. | CASE QTY (mm) | Single Pathway Installation Through Walls

00106 EZD44S2 | 1 | The Single Wall Plate Kit is designed to allow a single Series 44+ pathway to be installed in a 6 in. (152 mm) round opening or 2-1/4 in. x 2-3/8 in. (57 mm x 60 mm) O.D. Sleeves.

00144 EZP44W | 5 | The EZ-Path Series 44+ Fire-Rated Pathway is a maintenance-free pathway solution designed for high cable volume conditions through fire-rated walls and floors. The Series 44+ incorporates self-sealing intumescent pads that automatically adjust to the installed cable fill without the need for user manipulation. Under fire exposure, the intumescent pads expand and swell, resisting the passage of smoke and flame.

00148 EZP44R | 5 | The Split Wall Plate is engineered to facilitate the installation of the EZ-Path® Series 44+ pathway in fire-rated walls with existing cables. The pathway is designed to be installed in a 6 in. (152 mm) round opening or 4-1/8 in. x 4-1/2 in. (105 mm x 118 mm) opening.

00148 EZP44G | 5 | Multiple or Ganged Installation Options for Walls

00244 EZPS44W | 1 | Designed to allow 1 to 5 Series 44+ pathways to be installed in finished walls or as the wall is being built. Plates attach directly to studs, and pathways are installed prior to application of gypsum board. Brackets are suitable for attachment to studs spaced up to 24 in. (610 mm).

00248 EZPS44R | 8 | Designed to allow 1 to 10 Series 44+ pathways to be installed in finished walls or as the wall is being built. Plates attach directly to studs, and pathways are installed prior to application of gypsum board. Brackets are suitable for attachment to studs spaced up to 24 in. (610 mm).

00246 EZPS44DB | 8 | Designed to allow 6 Series 44+ pathways to be installed in finished walls or as the wall is being built. Plates attach directly to studs, and pathways are installed prior to application of gypsum board. Brackets are suitable for attachment to studs spaced up to 24 in. (610 mm).

00257 EZPS44BD | 8 | Designed to allow 12 Series 44+ pathways to be installed in finished walls or as the wall is being built. Plates attach directly to studs, and pathways are installed prior to application of gypsum board. Brackets are suitable for attachment to studs spaced up to 24 in. (610 mm).

00247 EZPS44BV | 8 | Designed to allow 1 to 5 Series 44+ pathways to be installed vertically in finished walls or as the wall is being built.
Vertical Cable Solutions

Series 44+ Fire-Rated Pathway

Vertical Specialty Options

Specialty Options

Vertical Specialty Options

DATA COMMUNICATIONS

Series 44+ Fire-Rated Pathway

Modular Floor Grid Systems utilize the high volume, EZ-Path® Series 44+ pathways, installed in banks of four, to provide your cabling systems with room to grow. Sturdy steel grids mount one, two, or four banks of pathways in built-in slots for a total of up to sixteen pathways through a single floor opening. A single bank floor grid comes complete with pathways. Multi-bank modular floor grids are installed with firestop panels sealing each slot. As additional cable capacity is required, firestop panels are removed, and pathway modules containing four pathways are installed in each slot.

UPC#    ITEM NO. CASE QTY (min) DEVICE / PLATES

Single Pathway Installation Through Floors

00108 EZDP144FKS2 1

The Split Floor Plate Kit is designed to allow a single Series 44+ pathway to be installed in a 6 in. (152 mm) round opening. The split plate is designed to permit use with previously installed cables.

UPC#    ITEM NO. CASE QTY (min) DEVICE / PLATES

00834 EZP144F 1

Extension Module

00309 EZ2444MS 1

Radius Control Module

00304 EZ2444S 1

Hanger Bracket

00448 EZ2444BB 1

Pathway Module

00109 EZ2444MS2 1

Extension modules attach to the end(s) of the Series 44+ pathway and increases the effective length of the pathway for thicker barriers. Each extension module increases the effective length by 6 in. (152 mm). Extensions work with all other accessories.

Radius Control Modules (RCMs) snap into the ends of pathways and provide a 1 in. (25 mm) minimum bend radius for cables. RCMs support cable bundles at 100% rated loading. Insertion slots are provided for support ties (not included). Sold in pairs.

Join multiple single-bank grids (EZDS443G2) together for use in elongated floor slot penetrations using the Floor Splice Plate.

Pathway Module

00446 TRS446 1

T-Rating Kit

00344 TRK444 1

Splice Plate Kit

00449 EZS444C 1

Join multiple single-bank grids (EZDS443G2) together for use in elongated floor slot penetrations using the Floor Splice Plate.

Vertical Specialty Options

Extension Module

HZD444S 1

Pathway Module

00309 EZ2444MS 1

Hanger Bracket

00448 EZ2444BB 1

Radius Control Module

00304 EZ2444S 1

T-Rating Kit

00344 TRK444 1

Splice Plate Kit

00449 EZS444C 1

Join multiple single-bank grids (EZDS443G2) together for use in elongated floor slot penetrations using the Floor Splice Plate.

EZ-Path® Modular Floor Grid System

Available complete with Pathway Module (4 pathways) or with firestop filler panels covering the slots.

Available complete with Pathway Module (4 pathways) or with firestop filler panels covering the slots.

Available complete with Pathway Module (6 pathways) or with firestop filler panels covering the slots.

Available complete with Pathway Module (10 pathways) or with firestop filler panels covering the slots.

Available complete with Pathway Module (24 pathways) or with firestop filler panels covering the slots.

 device / plates

UPC#    ITEM NO. CASE QTY (min) SINGLE-SLOT MODULAR FLOOR GRID DEVICE / PLATES

00110 EZDG444S2 1

Available complete with Pathway Module (4 pathways) or with firestop filler panels covering the slots.

00443 EZG444 1

UPC#    ITEM NO. CASE QTY (min) TWO-SLOT MODULAR FLOOR GRID DEVICE / PLATES

00111 EZDG844S2 1

Available complete with Pathway Module (8 pathways) or with firestop filler panels covering the slots.

00844 EZG844 1

UPC#    ITEM NO. CASE QTY (min) FOUR-SLOT MODULAR FLOOR GRID DEVICE / PLATES

00112 EZDG1644S2 1

Available complete with Pathway Modules (16 pathways) or with firestop filler panels covering the slots.

00645 EZG1644 1

UPC#    ITEM NO. CASE QTY (min) SPlice PLATE KIT DEVICE / PLATES

00449 EZS444C 1

Join multiple single-bank grids (EZDS443G2) together for use in elongated floor slot penetrations using the Floor Splice Plate.
Multi-Gang Plates

Series 33 Fire-Rated Pathway

The EZ-Path® Series 33 Fire-Rated Pathway is a maintenance-free pathway solution for moderate cable volumes through fire-rated walls and floors. The Series 33 incorporates built-in intumescent pads that automatically adjust to cable fits. When exposed to flame and high temperatures, the intumescent pads expand to form a dense insulative char that prevents the passage of smoke and flame.

Features & Benefits:
- Self-Sealing design provides exceptional fire and smoke leakage ratings
- Allows for easy moves, adds, and changes
- Designed for new and existing conditions
- Variety of accessories available for any field condition
- Available in an array of colors for easy cable pathway management

Series 33 Fire-Rated Pathway Multi-Gang Plates

The Series 33 Multi-Gang Plates are designed to allow multiple Series 33 pathways to be installed in a single gang device. The plates are available in two and three gang configurations, with options for circular and square wall plate kits.

- **Two Gang**: Designed to allow two Series 33 pathways to be installed in a 4 in. (102 mm) round opening.
- **Three Gang**: Designed to allow three Series 33 pathways to be installed in a 3 in. (76 mm) square opening.

**Data Communications**

<table>
<thead>
<tr>
<th>UPC</th>
<th>ITEM NO.</th>
<th>CASE QTY (min)</th>
<th>DEVICE / PLATES</th>
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<tbody>
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<td>EZP233GK</td>
<td>1</td>
<td>Full kit</td>
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<tr>
<td>00233</td>
<td>EZP233W</td>
<td>1</td>
<td>Without pathway</td>
</tr>
</tbody>
</table>

**Multi-Gang Plates**

- **Two Gang**: Designed to allow two Series 33 pathways to be installed in a 4 in. (102 mm) round opening.
- **Three Gang**: Designed to allow three Series 33 pathways to be installed in a 3 in. (76 mm) square opening.

**Data Communications**

<table>
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<tr>
<td>00233</td>
<td>EZP233W</td>
<td>1</td>
<td>Without pathway</td>
</tr>
</tbody>
</table>

**Series 33 Fire-Rated Pathway Specialty Options**

- **New Cable Installations Through Floors Using Core Drilled Openings**: Installing new cable pathways in existing buildings through floors using core drilled openings.
- **Previously Installed Cables Through Generalized Openings in Walls**: Retrofitting existing walls with Series 33 pathways to accommodate new cable installations.
- **Extension Module**: An extension module that allows pathways to be extended in 90° increments.
- **Positioning Clamps**: Clamp assemblies used to secure pathways in place, preventing them from moving during installation.
- **Radius Control Module**: A module that allows pathways to be extended in a controlled radius.

**Data Communications**

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<tr>
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<td>EZP233GK</td>
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<tr>
<td>00233</td>
<td>EZP233W</td>
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<td>Without pathway</td>
</tr>
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</table>

**EZ-Path® Fire Rated Pathway**

- **Circular Wall Plate Kits**: Designed to allow a single Series 33 Pathway to be installed in a 3 in. (76 mm) square opening.
- **Square Wall Plate Kits**: Designed to allow a single Series 33 Pathway to be installed in a 4 in. (102 mm) round opening.

**Data Communications**

<table>
<thead>
<tr>
<th>UPC</th>
<th>ITEM NO.</th>
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<tr>
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**Series 33 Fire-Rated Pathway Multi-Gang Plates continued**

- **Seven Gang**: Designed to allow seven Series 33 pathways to be installed in a 2 in. (51 mm) x 21 in. (533 mm) opening. Pathways can be installed independently of each other in 90° increments to cover up to 9 in. (229 mm) thick walls.

**Data Communications**

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<td>00233</td>
<td>EZP233W</td>
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**New Cable Installations Through Floors Using Core Drilled Openings**

- **Circular Wall Plate Kits**: Designed to allow a single Series 33 Pathway to be installed in a 3 in. (76 mm) square opening.
- **Square Wall Plate Kits**: Designed to allow two Series 33 pathways to be installed in a 4 in. (102 mm) round opening.

**Data Communications**

<table>
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<tr>
<td>00233</td>
<td>EZP233W</td>
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<td>Without pathway</td>
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**Previously Installed Cables Through Generalized Openings in Walls**

- **Circular Wall Plate Kits**: Designed to allow a single Series 33 Pathway to be installed in a 3 in. (76 mm) square opening.
- **Square Wall Plate Kits**: Designed to allow two Series 33 pathways to be installed in a 4 in. (102 mm) round opening.

**Data Communications**

<table>
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<th>DEVICE / PLATES</th>
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<tr>
<td>00233</td>
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**Extension Module**

- **Circular Wall Plate Kits**: Designed to allow a single Series 33 Pathway to be installed in a 3 in. (76 mm) square opening.
- **Square Wall Plate Kits**: Designed to allow two Series 33 pathways to be installed in a 4 in. (102 mm) round opening.

**Data Communications**

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**Radius Control Module**

- **Circular Wall Plate Kits**: Designed to allow a single Series 33 Pathway to be installed in a 3 in. (76 mm) square opening.
- **Square Wall Plate Kits**: Designed to allow two Series 33 pathways to be installed in a 4 in. (102 mm) round opening.

**Data Communications**

<table>
<thead>
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<tr>
<td>00233</td>
<td>EZP233W</td>
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</table>
Series 22 Fire-Rated Pathway

The EZ-Path® Series 22 Fire-Rated Pathway is a maintenance-free pathway solution for smaller cable bundles through fire-rated wall assemblies. The device is offered as a complete kit without the need for additional accessory products for installation.

Features & Benefits:
- Self-Sealing design provides exceptional fire and smoke leakage ratings
- Allows for easy moves, adds, and changes
- Designed for new and existing conditions
- Suited for round and rectangular openings

Retrofit Device

Overfilled cable sleeves are the bane of every facilities team. Bring these deficient openings back into code compliance with EZ-Path® Retrofit Devices. Its two-part clamshell design installs around projecting sleeves and cable bundles, restoring fire and smoke leakage performance. The EZ-Path® Retrofit Device quickly and easily retrofits sleeves of up to 100% visual fill, restoring fire performance without the need for additional firestop products.

Features & Benefits:
- Sized for 3 in. and 4 in. metallic sleeves
- Designed for cable sleeves and stubs
- Professional finished appearance
- Ideal for alarm, security, or wireless access point installations
- Available as a single cable or multiple cable solution
- Designed for 1 & 2 hr fire-rated gypsum board wall assemblies
- Professional finished appearance

Series 44NEZ

Designed for easy installation in non-fire-rated floor, ceilings, and walls, EZ-Path® Series 33NEZ & 44NEZ Smoke & Acoustical Pathways provide exceptional cable capacity with tested and approved cable capacities ranging from 0 up to 100% visual fill.

EZ-Firestop® Grommet

EZ-Firestop® Grommets make sealing penetrations of individual and small bundles of cables through gypsum board walls a snap. Molded from premium phenolic plastics and incorporating a soft foam inner core, EZ-Firestop® Grommets eliminate the need for sleeves, firestop putties, and sealants.

Features & Benefits:
- Suited for addressing single membrane or complete through penetrations
- Suitable as a single cable or multiple cable solution
- Ideal for alarm, security, or wireless access point installations
- Designed for 1 & 2 hr fire-rated gypsum board wall assemblies
- Professional finished appearance

Smoke & Acoustical Pathways

SGP400 EZD22 6 Designed for new or existing cable installations through walls up to 9 in. (229 mm) thick. The pathway is designed to be installed in a 2” (51 mm) round opening or 1-3/4” (44 mm) square openings.

Grommets make sealing penetrations of individual and small bundles of cables through gypsum board walls a snap. Molded from premium phenolic plastics and incorporating a soft foam inner core, EZ-Firestop® Grommets eliminate the need for sleeves, firestop putties, and sealants.
Smoke & Acoustical Pathways continued

**Series 33NEZ**

<table>
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<tr>
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<tr>
<td>730573</td>
<td>20100</td>
<td>FS100 1 in. (25 mm) Firestop Sleeve, 12 in. Length 1</td>
<td>6</td>
<td>1 lbs (0.45 kg)</td>
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<tr>
<td>730573</td>
<td>20200</td>
<td>FS200 2 in. (51 mm) split firestop sleeve, 12 in. Length 1</td>
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<td>2 lbs (0.90 kg)</td>
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<td>20400</td>
<td>FS400 4 in. (102 mm) Firestop Sleeve, 12 in. Length 1</td>
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<td>6.31 lbs (2.86 kg)</td>
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<tr>
<td>730573</td>
<td>20201</td>
<td>FS201 2 in. (51 mm) w/ large escutcheon plates 1</td>
<td>n/a</td>
<td>2.90 lbs (1.3 kg)</td>
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<tr>
<td>730573</td>
<td>20401</td>
<td>FS401 4 in. (102 mm) w/ large escutcheon plates 1</td>
<td>n/a</td>
<td>7.50 lbs (3.44 kg)</td>
</tr>
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**Features & Benefits:**
- Complete—including sleeves, all mounting hardware, firestopping materials
- Saves money by reducing expensive shop and field labor
- Standard and large escutcheons available
- Meets code requirements for internal/external firestop sealing
- Meets code requirements for wall attachment
- Built-in bushings protect cables
- Includes SpecSeal® Series SSP Intumescent Firestop Putty sufficient for 1 in. (25 mm) depth at both ends

**Applications:**
- Protect and seal cables routed through rated and non-rated walls & floors
- All common constructions up to 10 in. (250 mm) thick
- Available trade sizes 1 in. (OD=1.315 in.; 33 mm), 2 in. (OD=2.375 in.; 60 mm), 4 in. (OD=4.5 in.; 114 mm)
- Standard small escutcheons for accurate gypsum board openings
- Large escutcheons for concrete or masonry openings

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**Ready® Sleeve Split Sleeve**

SpecSeal® Ready® Sleeve kits easily install around existing cables. Each Ready® Sleeve kit includes two preformed steel sleeve halves with rolled edges, steel escutcheon plates with intumescent gaskets, and a dose of our SpecSeal® SSP Firestop Putty. Ready® Split Sleeve’s two-piece body and plates easily capture previously installed cables while tightly fastening to the penetrated barrier.

**Features & Benefits:**
- Complete—including sleeves, all mounting hardware, firestopping materials
- Oversized plates for larger or irregular openings
- Built-in bushings protect cables
- Meets code requirements for internal/external firestop sealing
- Escutcheon plates are required to comply with tested systems and NEC
- Includes SpecSeal® Firestop Putty as well as split external firestop gasket

**Applications:**
- New or existing cable installations through rated and non-rated walls & floors
- All common constructions up to 10 in. (250 mm) thick
- Available trade sizes 1 in. (OD=1.315 in.; 33 mm), 2 in. (OD=2.375 in.; 60 mm), 4 in. (OD=4.5 in.; 114 mm)
- Oversized or irregular openings

---

**SpecSeal® Ready® Sleeve**

SpecSeal® Ready® Sleeves are designed for new cabling penetrations where sleeves are required. Each Ready® Sleeve kit includes a preformed steel sleeve with rolled edges, steel escutcheon plates with intumescent gaskets, and a dose of our SpecSeal® SSP Firestop Putty. The rolled edges of each Ready® Sleeve eliminate the need for bushings while the included escutcheon plates and gaskets take the place of steel strut and strap supports.

**Features & Benefits:**
- Complete—including sleeves, all mounting hardware, firestopping materials
- Saves money by reducing expensive shop and field labor
- Standard and large escutcheons available
- Meets code requirements for internal/external firestop sealing
- Meets code requirements for wall attachment
- Built-in bushings protect cables
- Includes SpecSeal® Series SSP Intumescent Firestop Putty sufficient for 1 in. (25 mm) depth at both ends

**Applications:**
- Protect and seal cables routed through rated and non-rated walls & floors
- All common constructions up to 10 in. (250 mm) thick
- Available trade sizes 1 in. (OD=1.315 in.; 33 mm), 2 in. (OD=2.375 in.; 60 mm), 4 in. (OD=4.5 in.; 114 mm)
- Standard small escutcheons for accurate gypsum board openings
- Large escutcheons for concrete or masonry openings
## Cable Penetration Solutions

**Intumescent Firestop Pillows**

SpecSeal® SSB Firestop Pillows easily compress and conform around any penetrant. Equally suited for new or existing conditions, SpecSeal® Pillows make short work of even the most complex through-penetration firestop conditions.

### Features & Benefits:
- Intumescent—expands in all directions for a tough, tight seal
- Single side application makes installation easy for tough access openings
- Re-installable for easy retrofitting of cables
- Heat-sealed poly cover protects core and makes pillows slides in and out with ease
- Superior air leakage ratings—broad base of tested systems
- Lightweight—easier installation
- Heat-sealed poly bag—strong and durable, no sewn seams to unravel or tear, no irritating fiberglass
- No special tools required
- Monolithic Encapsulated Core: No loose fill

### Applications:
- Medium to large openings through common constructions
- Loose cable for power, voice, and data
- Single or multiple cable trays for power, voice, and data
- Multiple metallic conduits and tubing
- Multiple, mixed penetrants of all types
- Bus ducts, HVAC ducts, steel angles are not required on small HVAC ducts
- Suitable for clean room/area environment

### Test Standards:
- ASTM E814 (UL 1479), ASTM E1966 (UL 2079), CAN/ULC S115, ASTM E10

### SpecSeal® Composite Sheet

SpecSeal® Composite Sheet is the ideal solution for large openings where a permanent seal is required. Composite Sheet is a lightweight, rigid fire resistant panel consisting of an intumescent layer bonded to a galvanized steel sheet reinforced with steel wire mesh covered with aluminum foil. Composite sheet partners with other SpecSeal® firestop products, such as Firestop Collars and EZ-Patt® Devices, to size down overscaled openings. Custom sizes available upon request.

### Features & Benefits:
- Lighter and thinner—approximately 1.0 the weight and thickness of traditional composite sheet
- Easier to fabricate—engineered with the installer in mind
- Can be cut and installed with common sheet metal tools
- Intumescent—expands up to 15 times when exposed to temperatures of excess of 30°F (17°C) compared to 8-10 times for competing brands; forms a dense insulative char that minimizes heat transfer
- Hole reduction—reduces large openings when used in conjunction with other SpecSeal® or EZ-Patt® Products
- Non-hardening for easy installation and retrofitting of cables
- Soft, pliable, and easy to install
- Tested and proven acoustical properties
- No tools required

### Applications:
- Medium to large openings through common constructions
- Multiple mixed penetrants of many types
- Suitable for clean room/area environment
- Complies with the EZ-Patt® System for cable penetrations through large openings
- Insulated metallic pipes, plastic pipes, and metal pipes
- Blank openings
- Bus ducts, HVAC ducts

### Test Standards:
- ASTM E814 (UL 1479), ASTM E1966 (UL 2079), CAN/ULC S115, ASTM E10

## Cable Penetration Solutions

**Intumescent Firestop Plug**

SpecSeal® FP Intumescent Firestop Plugs are easy to install, creating a robust seal against fire and smoke. Firestop plugs make an excellent solution for temporary installation overnight, as well as permanent long-term seals for blank openings, and cable penetrations through common construction such as concrete or gypsum board. Sized to fit 2 in. and 4 in. diameter openings, firestop plugs make sealing conduit stubs and sleeves a breeze.

### Features & Benefits:
- Intumescent—expands in all directions
- Easy to install—no special tools required
- Re-installable—easy retrofitting of cables
- Soft and resilient foam—conforms to cable surfaces
- Paintable—can be painted to match surroundings

### Applications:
- Blank openings in sleeved concrete wall/floor
- Sleeved gypsum board seal or wood stud walls
- Cable penetrations in sleeved concrete wall/floor
- Sleeved gypsum board seal or wood stud walls
- Max 2 in. diameter metallic and nonmetallic shower drain pipe

### Test Standards:
- ASTM E814 (UL 1479), CAN/ULC S115

### SpecSeal® Putty

SpecSeal® SSP Firestop Putty excels at sealing cabling penetrations and outlet boxes. SSP Putty is non-hardening and easily hand works around grouped cabling penetrations forming a re-enterable seal allowing for future work.

### Features & Benefits:
- Non-hardening for easy installation and retrofitting of cables
- Two-stage intumescence provides aggressive expansion
- Highly adhesive—stays put
- Unaffected by humidity, condensation, and water
- Soft, pliable, and easy to install
- Tested and proven acoustical properties
- No tools required

### Applications:
- Small to medium openings through common constructions
- Sleeved openings for cable bundles
- Conduits

For Putty Pads see page 34

### Test Standards:
- ASTM E814 (UL 1479), CAN/ULC S115, UL363

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**DATA COMMUNICATIONS**

**TEST STANDARDS:** ASTM E814 (UL 1479), ASTM E1966 (UL 2079), CAN/ULC S115, ASTM E10

**TEST STANDARDS:** ASTM E814 (UL 1479), CAN/ULC S115, UL263
STI offers a variety of versatile and cost-effective firestopping solutions for addressing Mechanical, Plumbing, and Electrical Penetrations through Fire-Rated construction.

**Intumescent Sealant**

SpecSeal® SSS Firestop Sealant is a premium grade water-based Intumescent firestop sealant, that incorporates our proprietary two-stage intumescent technology making it the go to choice for any combustible or non-combustible penetrants. Only 1/2″ applied depth will provide up to a 4 hr fire resistance rating when tested to ASTM E814/UL 1479.

**Features & Benefits:**
- Patented two-stage intumescent technology—extremely fast and directionalized expansion
- Water-based—easy installation, cleanup, and disposal
- Excellent smoke seal
- Low shrinkage/sandable and paintable (when dry)
- Acoustically tested—reduces noise transmission
- Auto-bonding—allows fresh sealant to adhere to cured sealant
- Water-resistant—will not re-emulsify when dry
- Safe—low VOCs, no solvents, non-halogenated

**Applications:**
- Metallic pipes, conduits, and tubing
- Nonmetallic pipes, conduits, and tubing (small diameter)
- Insulated pipes
- Multi-service penetrations including AC line sets, electrical, telephone, or TV service entrance and interior penetrations
- Great choice for industrial and institutional power and utility
- Complete wood floor firestopping package for electrical, plumbing, HVAC, TV, and telephone
- Cable, cable trays, and bus duct
- HVAC ductwork

**STC**

**Acoustical** (Relates to specific construction)

62

**Permanent Solution**

Red Color

**UPC#** 730573

**CAT NO.** DESCRIPTION QTY CASE QTY UNIT WEIGHT

<table>
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<tr>
<th>Item</th>
<th>Description</th>
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<td>01100 SSS100</td>
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<td>2 gal. Pail (462 cu. in., 7.6 L)</td>
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<td>5 gal. Pail (1,155 cu. in., 19.0 L)</td>
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<td>50 lbs (22.7 kg)</td>
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<td>01103 SSS120</td>
<td>20 oz. Sausage (36 cu. in., 592 ml)</td>
<td>1</td>
<td>12</td>
<td>1.55 lbs (0.7 kg)</td>
</tr>
<tr>
<td>01129 SSS129</td>
<td>29 oz. Tube (52 cu. in., 858 ml)</td>
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<td>12</td>
<td>2.49 lbs (1.1 kg)</td>
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**SpecSeal® LCI Firestop Sealant**

SpecSeal® LCI Firestop Sealant is a water-based intumescent sealant intended for a wide range of through-penetration and construction joint applications. SpecSeal® LCI Sealant has excellent caulking properties making it easy to apply in vertical applications as well as overhead.

**Features & Benefits:**
- Fast-acting intumescent—expands up to 10X
- Water-based—easy installation, cleanup, and disposal
- Excellent smoke seal
- Acoustically tested—reduces noise transmission
- Auto-bonding—allows fresh sealant to adhere to cured sealant
- Sandable and paintable (when dry)
- Water-resistant—will not re-emulsify when dry
- Safe—low VOCs, no solvents, non-halogenated

**Applications:**
- Metallic pipes, conduits, and tubing
- Nonmetallic pipes, conduits, and tubing
- Electrical and electronic cabling including service entrance, power distribution, computer, telephone, and television
- Metal ductwork including HVAC, bath, and dryer vents
- Insulated pipes including heating, cooling, and condensation applications
- Complete wood floor firestopping package for electrical, plumbing, HVAC, TV, and telephone
- Construction joints

**STC**

**Acoustical** (Relates to specific construction)

62

**Permanent Solution**

Light Red Color

**UPC#** 730573

**CAT NO.** DESCRIPTION QTY CASE QTY UNIT WEIGHT

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<td>5 gal. Pail (7,105 cu. in., 19.0 L)</td>
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<td>n/a</td>
<td>50 lbs (22.7 kg)</td>
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<tr>
<td>01172 LCI320</td>
<td>20 oz. Sausage (36 cu. in., 592 ml)</td>
<td>1</td>
<td>12</td>
<td>1.59 lbs (0.72 kg)</td>
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<tr>
<td>01179 LCI329</td>
<td>29 oz. Tube (52 cu. in., 858 ml)</td>
<td>1</td>
<td>12</td>
<td>2.27 lbs (1 kg)</td>
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**Test Standards:**
- ASTM E814 (UL 1479), CAN/ULC S115, ASTM E84 (UL 723), ASTM E90
**Endothermic Sealant**
SpecSeal® LC Endothermic Sealant is a latex-based gun grade firestop sealant for construction joints and non-combustible penetrations. After application, LC Sealant cures to form a flexible seal against the propagation of fire. Under fire exposure, LC absorbs heat and release water vapor resisting the progress of smoke and flame.

**Features & Benefits:**
- Water-based—easy installation, cleanup, and disposal
- Endothermic fibers—absorb heat and release water
- High solids formula—low shrinkage
- Auto-bonding—allows fresh sealant to adhere to cured sealant
- High-temperature resistant
- Sandable/paintable (when dry)
- Safely—low VOCs, no solvents, non-halogenated
- Excellent sealing properties along with high build capabilities
- Single or multiple metallic pipes, conduits, and tubing

**Applications:**
- HVAC ductwork
- Firestop applications
- Propagation of fire. Under fire exposure, LC absorbs heat and release water vapor resisting the progress of smoke and flame.
- HVAC/ductwork
- Intumescent—expands to up to four times its original volume.

**Silicone Sealant**
SpecSeal® SIL300 Silicone Sealant is a high performance silicone firestop sealant tested to resist the passage of smoke, flame and water through construction joints and through penetrations. SIL300 Sealant cures to form a flexible seal and carries a Class 1 W Rating for water resistance (Per ANSI/UL1479).

**Features & Benefits:**
- Low modulus—lowers up to +/−35% movement capability
- Auto-bonding—allows fresh sealant to adhere to cured sealant
- Water-resistant—low-tight sealing
- Ozone and UV-resistant
- Superb chemical resistance—best choice in polluted or corrosive atmospheres
- Outstanding adhesion to most building substrates (primarily adhesive)
- Acoustically tested—reduces noise transmission
- Excellent smoke seal
- Neutral cure
- UL® tested for W ratings

**Applications:**
- Slab Edge/Curtain wall, sailing, and construction gaps
- Through-penetrations and joints
- High temperatures or movement
- Electrical, data, or telephone cables
- High-temperature or movement
- Seismic and expansion joints
- High temperature or movement
- Single or multiple metallic pipes, conduits, and tubing

**Firestop Mortar**
SpecSeal® SSM Firestop Mortar is a lightweight, cost-effective solution for oversized openings in concrete walls and floors. Once mixed with water, SpecSeal® Mortar forms a lightweight, low density slurry that easily applies into concrete walls and floors. SpecSeal® Mortar cures quickly and will not spall or crack due to freezing or changes in temperature.

**Features & Benefits:**
- Lightweight/low density—less forming and support required—easy retrofit
- Fast drying—forms come down faster
- Economical—highest yield per pound means lower installed cost
- Wide range of applications—including aluminum cable tray
- Red color—easy identification and inspection
- Chemical adhesion—reduces the need for expensive and time-consuming concrete fasteners
- Trowelable or self-leveling

**Applications:**
- Medium to large openings through common constructions
- Loose cable for power, voice, and data
- Bus ducts
- Multiple metallic conduits, and lightweight tubing
- Multiple, mixed penetrants of all types
- HVAC/ductwork
- Firestop applications
- Propagation of fire. Under fire exposure, LC absorbs heat and release water vapor resisting the progress of smoke and flame.
- HVAC/ductwork
- Intumescent—expands to up to four times its original volume.

**Intumescent Firestop Caulk**
WF300 Intumescent Firestop Caulk is a latex-based firestop caulk designed for residential wood frame construction. WF300 Caulk is tested for addressing penetrations through wood-frame construction such as wood stud walls and floor/ceiling assemblies. Under fire exposure, WF300 expands up to four times its original volume.

**Features & Benefits:**
- Economical—delivers maximum fire protection at the right price
- Water-based—easy installation, cleanup, and disposal
- Intumescent—expansion fills gaps or voids caused by wood shrinkage, or burning or melting of combustible materials
- Auto-bonding—allows fresh sealant to adhere to cured sealant
- Acoustically tested—reduces noise transmission
- Excellent smoke seal
- Sandable/paintable (when dry)
- Water-resistant—will not re-emulsify when dry

**Applications:**
- Through penetrations and gaps in wood frame construction
SmokeBlock® Fireblock & Draftstop Caulk

SmokeBlock® Caulk is a non-combustible gun grade sealer for fireblocking and draft stopping in wood frame walls and floors. SmokeBlock® is designed for filling annular spaces around penetrants and along seams throughout the building envelope and is suitable for use in one or two family dwellings. Not suitable for use in fire-rated construction.

**Features & Benefits:**
- Water-based for easy clean-up
- No shaking or mixing required
- Adheres to wood and masonry
- Meets ASTM E136

**Applications:**
- Single family and Multi family dwellings
- Openings in non-fire-rated walls and floors
- Loose cable for power, voice, and data
- Metallic and Non-Metallic Piping
- HVAC Ducts, AC Linesets, Flue Vents

SmokeBlock® Fireblocking Foam

SmokeBlock® Fireblocking Foam installs in seconds filling voids and annular spaces around penetrants and along seams throughout the building envelope and is suitable for use in one and two family dwellings. Not suitable for use in fire-rated construction.

**Features & Benefits:**
- Meets Fireblock/Draftstop requirements of IBC Section 7-18 & IRC Section P200.11
- Adheres to wood and masonry
- Dispensable at any angle
- Paintable

**Applications:**
- Single family and Multi family dwellings
- Openings in non-fire-rated walls and floors
- Loose cable for power, voice, and data
- Metallic and Non-Metallic Piping
- HVAC Ducts, AC Linesets, Flue Vents

Smoke‘N’Sound Acoustical Spray

Smoke‘N’Sound spray is a high quality acrylic latex spray designed for static or minimally dynamic linear joints or gaps. Smoke‘N’Sound spray is formulated to adhere to all common construction surfaces and may be applied using airless spray equipment or with a brush (for small applications and touch ups).

**Features & Benefits:**
- Water-based—for easy installation and cleanup
- Excellent smoke seal
- Acoustically tested—reduces noise transmission
- High build characteristics
- Safe—low VOCs—no solvents, and non-halogenated
- Economical spray application saves labor
- Auto-bonding—allows fresh spray to adhere to cured spray
- Low abrasion—longer pump life and less maintenance
- Paintable (when dry)

**Applications:**
- Smoke control: where stopping the passage of smoke is necessary such as in smoke partition walls
- Noise control: where reducing the transmission of sound through wall openings is necessary to help ensure occupant privacy and peaceful environment
- Infectious/dust control: where reducing the transmission of dust and other airborne particulates through wall openings is necessary

Smoke‘N’Sound Acoustical Sealant

A high quality acrylic latex sealant designed for sealing through penetrations (such as pipes, conduits, cabling, busways, and openings) and membrane penetrations (such as p-traps and outlet boxes) in smoke resistant walls.

**Features & Benefits:**
- Economical—high performance without the high price
- Water-resistant—will not re-ripen when dry
- Water-based—easy installation, cleanup, and disposal
- Remains Flexible—allows movement
- Acoustically tested
- Safe—low VOCs—no solvents, and non-halogenated
- Paintable (when dry)
- Auto-bonding—allows fresh sealant to adhere to cured sealant

**Applications:**
- Smoke control: where stopping the passage of smoke is necessary such as in smoke partition walls
- Noise control: where reducing the transmission of sound through wall openings is necessary to help ensure occupant privacy and peaceful environment
- Infectious/dust control: where reducing the transmission of dust and other airborne particulates through wall openings is necessary

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**UPC No. | CAT NO. | DESCRIPTION | QTY | UNIT WEIGHT**

**SmokeBlock® Caulk 10.1 oz Tub 1 12 1.20 lbs (0.54 kg)**

**SmokeBlock® Fireblocking Foam 12 oz can 1 1 1.20 lbs (0.54 kg)**

**Smoke‘N’Sound® Spray 5 gal. Pail (1,155 cu. in., 19.0 L) 1 n/a 70 lbs (31.75 kg)**

**Smoke‘N’Sound® Spray 20 cu. ft. Sausage 35 cu. in. (592 ml) 1 12 2.06 lbs (0.93 kg)**

**Smoke‘N’Sound® Spray 20 cu. ft. Sausage 55 cu. in. (858 ml) 1 12 3.40 lbs (1.54 kg)**

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**Non-fire-rated Sealants**

**SmokeBlock® Fireblock & Draftstop Caulk**

**Smoke‘N’Sound Acoustical Spray**

**Smoke‘N’Sound Acoustical Sealant**

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**UPC No. | CAT NO. | DESCRIPTION | QTY | CASE QTY | UNIT WEIGHT**

**SB200 SmokeBlock® Fireblocking Foam 12 oz can 1 1 1.20 lbs (0.54 kg)**

**SNS105 5 gal. Pail (1155 cu. in., 19.0 L) 1 n/a 70 lbs (31.75 kg)**

**SNS129W 29 oz. Sausage 52 Cu. In. (858 ml) 1 12 3.40 lbs (1.54 kg)**
**Intumescent Firestop Collars**

SpecSeal® SSC Firestop Collars are factory-manufactured firestop devices sized to plastic pipes of up to 6 in. in Trade Size. SSC Collars consist of a restraining collar with a factory applied intumescent ensuring the correct amount of material is applied every time. Under fire exposure, SSC Collars quickly expand and collapse combustible piping forming a dense char, resisting the passage of smoke and flame.

**Features & Benefits:**
- 
  - Easy installation—uses STI’s quick closure system
  - Water-resistant—no water soluble or hygroscopic ingredients
  - Fast-acting expansion (up to 60X)—to seal off burning pipes
  - Safe for contact with plastics
  - Tested to 50 Pa of Pressure (CUL/ULC S111)

**Applications:**
- Protects a variety of plastic pipes—XIR PVC, PVC, PVC Foam Core (ccPVC), CPVC, ABS, ABS Foam Core (ccABS), FRPP, PP, PVDF, and HDPE pipes
- Ventilated (DWV) and closed (electrical conduit and water supply) installations

**Specifications:**
- Intumescent Firestop Collars
- Vented (DWV) and closed (electrical conduit and water supply) installations
- UL 1479

**Applications:**
- Protects a variety of plastic pipes—PVC, PVC Foam Core (ccPVC), CPVC, ABS, ABS Foam Core (ccABS), FRPP, PP, PVDF, and HDPE pipes
- Intumescent Firestop Collars
- Watt Strip
- Fast-acting expansion (up to 60X)—to seal off burning pipes
- Safe for contact with plastics

**Features & Benefits:**
- General purpose wrap strip good for most common penetrations. It is provided in 1-1/2 in. wide by 1/8 in. thick by 12 ft. long (38 x 3 mm x 366 cm) rolls. 
- Made in both 12 ft. (366 cm) rolls or precut strips.
- Available in a variety of sizes and types to handle the most demanding applications.

**Applications:**
- Combustible penetrants such as nonmetallic pipes or pipe insulation
- Concrete floors, concrete walls, gypsum board/installed walls, wood flooring/ceilings

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**Intumescent Firestop Collars**

SpecSeal® RTC Firestop Collars are factory-manufactured firestop devices sized to plastic pipes of up to 4 in. in Trade Size. LCC Collars consist of a restraining collar with a factory applied intumescent ensuring the correct amount of material is applied every time.

**Features & Benefits:**
- Easy installation—uses STI’s quick closure system
- Compact profile—use it in all tight spots
- Water-resistant—no water soluble or hygroscopic ingredients
- Adapt to the size combustible pipe that you are working with. One collar is designed to address standard 3 in. & 4 in. plastic pipes as well as their associated couplings. RTC Firestop Collars adaptable nature make them an excellent tool to have at hand when bringing combustible penetrations up to code.

**Specifications:**
- Redo—General purpose wrap strip good for most common penetrations. It is provided in 1-1/2 in. wide by 1/8 in. thick by 12 ft. long. (38 x 3 mm x 366 cm) rolls and precut strips. Our SSH Series comes in a variety of thicknesses ranging from 1/8 in. (3 mm) to 0.69 in. (17.5 mm) and widths ranging from 1-1/2 in. (38 mm) to 2-1/2 in. (64 mm) to handle the most demanding applications.

**Applications:**
- Combustible penetrants such as nonmetallic pipes or pipe insulation

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**Intumescent Wrap Strips**

Available in a variety of sizes and types to tackle any combustible penetration. SSW Wrap Strips are available in convenient rolls or individually pre-sized strips.

**Features & Benefits:**
- Rapid intumescent expansion—closes off burning penetrants quickly
- Water resistant—no water soluble or hygroscopic ingredients
- Soft and flexible—easy to cut, and easy to wrap
- Suitable for use in field-assembled collars or fast-in applications

**Applications:**
- Combustible penetrants such as nonmetallic pipes or pipe insulation
- Concrete floors, concrete walls, gypsum board/installed walls, wood flooring/ceilings
Intumescent Firestop Pillows

SpecSeal® SSB Firestop Pillows easily compress and form around any penetrant. Equally suited for new or existing conditions, SpecSeal® Pillows make short work of even the most complex through-penetration firestop conditions.

Features & Benefits:
- Intumescent—expands in all directions for a tough, tight seal
- Single side application makes installation easy for tough access openings
- Re-installable for easy retrofitting of cables
- Heat-sealed poly cover protects core and makes pillows slide in and out with ease
- Superior air leakage ratings—broad base of tested systems
- Lightweight—easier installation
- Heat-sealed poly bag—strong and durable
- No sewn seams to unravel or tear. No irritating fiberglass
- Intumescent—expands in all directions for a tough, tight seal
- Easier to fabricate—engineered with the installer in mind
- Combine with the EZ-PATH® System for cable penetrations
- Eliminate coring and firestop before the concrete pour with SpecSeal® Devices for Combustible and Noncombustible Penetrants.

Composite Sheet

SpecSeal® Composite Sheet is the ideal solution for large openings where a permanent seal is required. Composite Sheet is a lightweight, rigid fire resistant panel consisting of an intumescent layer bonded to steel, used in specifc systems. It is ideal for use in specifc systems where a tough, tight seal is required.

Applications:
- Medium to large openings through common constructions
- Loosie cable for power, voice, and data
- Single or multiple metallic conduits for power, voice, and data
- Multiple metallic conduits and tubing
- Multiple, mixed penetrants of many types
- Bus ducts, HVAC ducts, and steel angles not required on small HVAC ducts
- Multiple mixed penetrants of many types
- Pipes can be installed from top or bottom
- Firestop rolled into a single device. Custom sizes available upon request.
- Devices for Combustible and Noncombustible Penetrants
- Easier to fabricate—engineered with the installer in mind
- Heat-sealed poly bag—strong and durable
- Heat-sealed poly cover protects core and makes pillows slide in and out with ease
- Superior air leakage ratings—broad base of tested systems
- Lightweight—easier installation
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Cast-In Firestop Device

Eliminate coring and firestop before the concrete pour with SpecSeal® CID Cast-In Firestops. SpecSeal® Cast-In Devices are a sleeve, concrete core and firestop rolled into a single device. Custom sizes available upon request.

Features & Benefits:
- Saves money by eliminating core drilling
- Saves time. No firestopping step required
- Provides pre-installed fire and smoke sealing
- Provides added protection against transient water
- Adapts to a wide variety of construction conditions
- Pipes can be installed from top or bottom
- Four heights for a greater range of concrete depth

Applications:
- 2 in., 3 in., 4 in., and 6 in. Trade Size plastic or metallic pipes
- Insulated metallic pipes
- Cables bundled
- Concrete ranging in depth from 2-1/2 in. (64 mm) to 8 in. (204 mm)
- Can be either greater than 8 in. (204 mm) using available extension tubes
- Concrete over steel deck using available Accelerator Kit

Devices for Combustible and Noncombustible Penetrants

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plugs, putty, & pads

FyreFlange™ HVAC Firestop Angle

FyreFlange™ Firestop Angle is a single step solution to addressing HVAC ductwork penetrations. FyreFlange™ consists of a heavy steel angle with an intumescent gasket, sealing against fire and smoke while reinforcing ductwork under exposure. Eliminate the headaches of staging and multiple inspections of traditional HVAC firestopping with FyreFlange™.

Features & Benefits:

- Single stage installation
- Economical—saves labor
- Clearly marked for easy inspection
- No additional firestop or backing material required
- Eliminates the need for multiple inspections
- Can be installed over or under duct installation

Applications:

- For use with max. 2 in. thick, light density insulation, insulated or non-insulated ducts in walls
- UL® Certified systems for HVAC ducts through masonry walls and gypsum board steel or wood stud walls and concrete floors

TEST STANDARDS: ASTM E814 (UL 1479), CAN/ULC S115

Closet Flange Firestop Gasket

SpecSeal® Closet Flange Firestop Gaskets are one-piece, molded rubber, intumescent pads that install beneath a 3 in. or 4 in. (76 mm or 102 mm) closet flange to effectively firestop the opening. The die cut rubber gasket is perforated to delineate removable inserts sized to accommodate various outer diameters of toilet flanges.

Features & Benefits:

- Seamless fit for fast, easy installation with no tools required
- Lower installation cost
- Footproof installations
- Installs from the top, saving labor
- No caulk to clean up
- Always ready to use—no shelf life—no caulk tubes to dry out
- UL® Certified code compliant

Applications:

- Designed to allow the drain pipe connected to a toilet flange to be properly firestopped without the need for firestop caulk for typical floor assemblies with plastic or metal pipes
- Conform to new NEC, NFPA codes
- Fully installed in 10 minutes
- Non-hazardous, non-curing, non-toxic

TEST STANDARDS: ASTM E814 (UL 1479), CAN/ULC S115

Intumescent Firestop Plug

SpecSeal® FP Intumescent Firestop Plugs are easy to install, creating a robust seal against fire and smoke. Firestop plugs make an excellent solution for temporary installation overnight, as well as permanent long-term seals for blank openings, and cable penetrations through common construction such as concrete or gypsum board. Sized to fit 2 in. and 4 in. diameter openings, firestop plugs make sealing conduit stubs and sleeves a breeze.

Features & Benefits:

- Intumescent—expands in all directions
- Re-installable—easy retrofitting of cables
- Easy to install—no special tools required
- Soft and resilient foam—conforms to cable surfaces
- Paintable—can be painted to match surroundings

Applications:

- Blank openings in sleeved concrete wall/floor and sleeved gypsum board steel or wood stud walls
- Cable Penetrations in sleeved concrete wall/floor and sleeved gypsum board steel or wood stud walls
- Max 2 in. diameter metallic and nonmetallic shower drain pipe

TEST STANDARDS: ASTM E814 (UL 1479), CAN/ULC S115

Putty Pads

SpecSeal® SSP Firestop Putty excels at sealing cabling penetrations and outlet boxes. SSP Putty is non-hardening and easily hand works around grouped cabling penetrations forming a re-enterable seal allowing for future work. When applied with outlet boxes, SSP Putty easily works into voids and seams forming a continuous seal against fire and the products of combustion.

Putty Features & Benefits:

- Non-hardening for easy installation and retrofitting of cables
- Two-stage intumescent provides aggressive expansion
- Highly adhesive—sticks put
- Unaffected by humidity, condensation, water
- Soft, pliable, easy to install
- Tested and proven acoustical properties
- No tools required

Applications:

- Small to medium openings through common constructions
- Single or multiple cables/hays for power, voice, and data
- Sealed openings for cable bundles
- Conduits

Pad Features & Benefits:

- Fits common 4S box with no cutting or trimming
- Poly liner allows hands-off, clean installation
- Single & multi-gang metallic boxes up to 14 in. (356 mm) long
- A variety of non-metallic boxes
- Plastic and steel boxes
- 1 and 2 hr. wood or steel stud walls

TEST STANDARDS: ASTM E814 (UL 1479), CAN/ULC S115, UL263 (ASTM E119, NFPA 251), ASTM E90
PowerShield® Electrical Box Insert
SpecSeal® EP PowerShield® Electrical Box Inserts install within steel electrical boxes directly against the back of the box. PowerShield® Box inserts are equally suited for remediation as well as preinstallation before the boxes have made it to the job site. PowerShield® Box inserts incorporate pre-scored openings allowing for easy installation around ground lugs.

**Features & Benefits:**
- Easy installation—just peel and stick to inside of box
- Can be installed before or after wall is closed
- Non-conductive liner face and safe for use inside box
- Easy retrofit installation
- Rapid expansion, up to 24X, quickly seals off the passage of fire and smoke
- Low profile for minimum impact on box volume
- Tested and proven acoustical properties
- One step installation saves time and labor
- Conveniently sized to fit common switch and receptacle boxes

**Applications:**
- Single and multi-gang metallic boxes up to 14 in. (356 mm) long
- Plastic and steel faceplates
- 1 and 2 hour wood or steel stud walls

### E-Wrap™ Endothermic Wrap
E-Wrap™ Endothermic Wrap is the ideal solution for fire protection of critical circuits and infrastructure such as fire pumps, signaling equipment, elevators, alarms, process control equipment, or distributed antenna systems (DAS). When this supple, protective wrap is installed around conduits or cable trays, E-Wrap™ provides up to 2 hours of circuit integrity ensuring continued operation under fire conditions.

**Features & Benefits:**
- Flexible material – easy to install, even on small diameter conduits
- Fewer layers required for protection – better coverage per roll
- Endothermic – releases chemically bound water to have a cooling effect
- Low Density – Weighs less than competing wraps
- May be used to achieve equal F&T ratings on penetration firestop systems
- Tested to ASTM E1725 for electrical circuit integrity

**Applications:**
- Encapsulate grouped cables.
- Apply as fire breaks in cable tray runs

#### Cable Spray
SpecSeal® Cable Spray applies quickly to grouped cables within cable trays, providing protection against cable jacketing ignition from direct fire exposure and slowing flame propagation. Cable Spray applies quickly with an airless spray rig, only requiring a minimum 1/8" wet applied thickness. Once cured, Cable Spray forms a flexible, water and weather resistance seal adhering to virtually all cable jacketing materials.

**Features & Benefits:**
- Easy and economical to use
- Water-based—easy cleanup, installation, and disposal
- Low friction formula—less pump wear
- Contains no inorganic fibers, asbestos, or solvents.
- Factory Mutual tested and approved.
- Brushable for touch ups, spot repairs, or small applications

**Applications:**
- Encapsulate grouped cables.
- Apply as fire breaks in cable tray runs

### SpecSeal® EP PowerShield® Electrical Box Inserts
#### UPC# 730573
<table>
<thead>
<tr>
<th>CAT. NO.</th>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>UNIT WEIGHT</th>
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</thead>
<tbody>
<tr>
<td>02500</td>
<td>EP44</td>
<td>1</td>
<td>0.09 lbs (.04 kg)</td>
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<tr>
<td>02505</td>
<td>EP45</td>
<td>1</td>
<td>0.10 lbs (.045 kg)</td>
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#### TEST STANDARDS:
- UL263 (ASTM E119, NFPA 251), ASTM E90

### E-Wrap™ Endothermic Wrap
#### UPC# 730912
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<tr>
<td>35030</td>
<td>EW2420</td>
<td>1</td>
<td>63.35 lbs (28.74 kg)</td>
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</tbody>
</table>

#### TEST STANDARDS:
- ASTM E1725

### Cable Spray
#### UPC# 730222
<table>
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<tr>
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<th>DESCRIPTION</th>
<th>QTY</th>
<th>UNIT WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>07104</td>
<td>CS100</td>
<td>1</td>
<td>55.00 lbs (25 kg)</td>
</tr>
</tbody>
</table>

#### TEST STANDARDS:
- FM3971, IEC 60331, IEC 60332
A building’s facade is distinctive. Perimeter fire barrier systems in high rise construction are an important life safety consideration, but sound fire containment practices should not interfere with design aesthetics. As a designer or builder, you need perimeter fire barrier systems that afford adaptability to work with your design, and STI can help.

System Coverage Breadth Matters
STI Firestop, the leader in tested and listed curtain wall perimeter fire barrier systems, offers greater flexibility to conform to your design.

Perimeter fire barrier systems are code mandated, and code officials, authorities having jurisdiction (AHJ), or other inspectors verifying building code compliance can scrutinize slab-edge conditions. More tested and listed systems means a greater probability of code conformance, and that keeps your project on track.

Codes & Technology
Curtain wall perimeter fire barrier systems are tested to ASTM E2307. This test method uses a two-story structure known as the intermediate scale multi-story test apparatus (ISMA). The ISMA structure subjects the test assembly to fire exposure from two sides simultaneously with an exterior burner that replicates a fire induced window break. A perimeter fire barrier system must withstand the passage of flame from the lower floor to the upper floor via the gap between the floor and curtain wall.

Building codes, such as the International Building Code® (IBC) and NFPA® 5000, include provisions for preventing the floor-to-floor spread of fire and specifically refer to ASTM E2307.

Tested and Listed Systems Ensure Code Compliance
STI Firestop understands the nuances of curtain wall and perimeter fire barrier systems because of our commitment to research and development. With more tested and listed systems for perimeter fire barrier systems than any other manufacturer, our versatile solutions conform to virtually any jobsite condition.

Back Pan Curtain Walls: Our patented shelf-system replicates real world curtain wall construction. It is the only practical system that can be built in a factory.

Shorter Spandrels; Lower Sill Heights: Accommodates more vision glass.

More Facade Types:
- Glass (opaque or clear), aluminum, stone, brick veneer, EIFS, GFRC, precast concrete, composite metal panels, and more.

Multiple Insulation Attachments: A variety of tested methods to support and attach curtain wall insulation offers unmatched flexibility in the field and lowers the overall cost of installation.

Pipes & Cables Through Floor Gap: Pipes for radiators or electrical cables are tested to pass through the safing gap.

Fire Ratings: Tested and listed systems up to 4 hours have you covered.

All Major Mineral Wool Brands: Testing for all commercially available mineral wool brands.

Block Smoke Leakage: Low L Ratings (<1 CFM/LF) included in systems to confirm ability of coating to limit air and smoke movement.

Real World Movement: Dynamic tests replicate real world movement ranges and remain practical to install for construction workers using common tools and methods.

Acoustics: Superior STC Ratings to help mitigate the effects of sound flanking at the slab edge.

Water-Resistance: Products dry quickly and will not re-emulsify. Watertight/all weather grade available.
backpans, aluminum frames

Backpans
Unitized backpan designs have become increasingly popular, presenting a multitude of new challenges under fire conditions. During a fire, deflection of the steel backpan can cause severe repercussions on the performance of the spandrel insulation, the safing insulation, and the firestop spray. Our systems are engineered to maintain the integrity of the wall to meet code requirements.

- One or two-piece tubular aluminum frames
- Minimum 22 gauge flush or recessed steel backpans vs. 18 gauge
- Lowest sill and spandrel heights
- Multiple spandrel types
  - Transparent or opaque glass panels
  - Aluminum panels and stone panels
  - Aluminum composite panels
- Optional shadow box for transparent glass panels
- Multiple insulation manufacturers
- Shortest transom spacing
- Lowest sill heights
- Documented “L” ratings
- Penetration in the safing slot
- Vertical shear movement

Aluminum Frames
STI has the most extensive testing for aluminum framed curtain walls whether factory-built unitized or field-fabricated stick. Our UL® Certified Systems provide the flexibility you need to complete your project on time with demonstrated code compliance.

- Aluminum tube systems with solid one-piece or split two-piece mullions and transoms
- I-beam mullions
- Lower sill heights and shorter spandrel panels
- Multiple spandrel types
  - Transparent or opaque glass panels
  - Aluminum or aluminum composite panels
  - Stone
- Optional shadow box systems for transparent glass panels
- Multiple spandrel insulation attachment methods
  - Continuous steel angles
  - Hat channels
  - Insulation hangers and steel pins
- Multiple insulation manufacturers
- Optional penetrations in the safing slot
- Documented L Ratings
- Penetration in the safing slot
- Vertical shear movement

Precast/GFRC
Coverage for precast concrete or GFRC is another one of our specialties, and our UL® Certified Systems are the most comprehensive.

- Lower sill heights for windows
- Traditional precast panels or precast composite panels (e.g. Slenderwall®)
- Real world GFRC on tube steel frames with flex rods
- Insulated or non-insulated designs
- Multiple insulation manufacturers tested
- Documented L Ratings

STI has extensive testing with steel-framed exterior walls with EIFS or a variety of different veneers, offering the very best package of UL® Certified systems for common jobsite conditions.

- Lowest sill heights for windows
- Common steel stud configurations
  - Coverage for cantilevered track conditions
  - King stud options
- Gypsum sheathing or cementitious backer units
- Multiple exterior finishes:
  - EIFS
  - Aluminum or steel siding
  - Brick veneer
  - Stucco
  - GFRC
- Glass fiber or mineral wool insulation options
- Penetrations through the safing slot
- Documented L Ratings
- No gypsum on underside of wall

Real world GFRC with tube steel and flex rods

Competitive systems sometimes require gypsum board to be installed here

Water-based or all-weather formula

GFRC

Water-based or all-weather formula

Lowest vision panel sills

Glass fiber or mineral wool

Lowest sill and spandrel heights

Optional framing covers above the slab

Multiple insulation attachment methods

Optional shadow box systems for transparent glass panels

Compatible with all major mineral wool brands

Minimum 22 gauge flush or recessed steel backpans vs. 18 gauge

Real world attachments

Lower sill and spandrel heights
curtain wall sprays

Safing Spray

SpecSeal® Safing Spray is a latex-based firestop spray specifically formulated for perimeter fire barrier applications. Safing Spray’s formulation is the perfect balance between elasticity and hardness, curing to form a durable seal that is resistant to water and damage from construction debris. Prior to cure, Safing Spray easily cleans up with water and has extremely low VOC’s to meet demanding regulatory requirements.

Features & Benefits:
- Optimized for curtain wall conditions
- Shore A Hardness of 65 per ASTM D2240
- Tough polymer designed to resist damage from construction debris
- Tack-free for up to 4 Hour fire resistance when tested to ASTM E2307
- Fast drying latex binder base
- Approved with penetrants in safing slot
- Allows for vertical application for column or shear wall interfaces
- Listed in over 100 UL® tested curtain wall systems

Applications:
- Slab edge/curtain wall conditions

TEST STANDARDS: E2307, CAN/ULC S115, ASTM E84 (UL 723), ASTM E90

Firestop Spray

FastTack® Firestop Spray is the ultimate in weather resistant firestop sprays. FastTack®’s hybrid copolymer formula was developed to counter the stalling effects of weather while providing unmatched washout resistance and the industry’s fastest tack-free times. FastTack® outperforms and outlasts all competing firestop coatings providing the most versatile protection on the market.

Features & Benefits:
- All-weather formula
- Early rain resistance (24 HR Exposure; ASTM D6904) PASS
- Skims over quickly to resist water
- Tack-free in 35-45 minutes @ 77ºF 50% humidity (ASTM C679)
- For use in extreme weather conditions (cold or rain)
- Cures below freezing
- Can be top coated, spray coated or flow applied
- Auto-bonds for easy touch ups

Applications:
- Slab edge/curtain wall conditions
- Floor to floor joints
- Floor to wall joints

TEST STANDARDS: E2307, CAN/ULC S115, ASTM E84 (UL 723), ASTM E90

curtain wall anchor protection

Connection Protection

SpecSeal® Connection Protection is the go-to solution for protecting underside mounted mullion brackets in curtain wall construction. Custom sized to your style of bracket, Connection Protection installs quickly with common job site tools. SpecSeal® Connection Protection is the only proven method for protecting exposed mullion mounting brackets, ensuring their integrity and performance under fire exposure.

Features & Benefits:
- Eliminate mineral wool wraps and spray-applied fire resistant materials
- Professional fit and finished appearance
- No construction debris or waste
- Lightweight, slim profile
- Installs quickly with concrete screws or powder actuated fasteners

Applications:
- Slab edge/curtain wall anchors

Elastomeric Spray

SpecSeal® AS200 Elastomeric Spray is a latex-based elastomeric firestop spray for construction joints and perimeter fire barrier applications. AS200 cures to form a durable seal that resists the passage of the products of combustion while accommodating for high dynamic joint movement.

Features & Benefits:
- Original quick-dry elastomeric formula
- Water-based— for easy installation, cleanup, and disposal
- Thicktop— superior high build properties
- Safe—low VOCs, no solvents, non-halogenated
- Auto-bonding—may be re-coated or repaired using ES Sealant
- Low abrasion—for longer pump life and less maintenance
- Tested with direct-applied fireproofing
- Acoustically tested—reduces noise transmission
- Water-resistant—will not re-emulsify when dry
- Paintable (when dry)
- Up to 50% movement (ASTM E1696/UL2079)

Applications:
- Slab edge/curtain wall conditions
- Head of wall—concrete fluted deck to gypsum wall/masonry wall
- Head of wall—concrete slab to gypsum wall/masonry wall
- Control/expansion joints (wall & floor)
- Metallic pipes, steel ducts

TEST STANDARDS: ASTM E84 (UL 1479), CAN/ULC S115, ASTM E690
Adequate sealing of Construction Joints involves not just the achievable fire and smoke ratings, but also surviving the movement of the underlying joint. STI is a leader in the development of construction joint firestop materials offering products and solutions that exceed even the most extreme of movement needs.

**Elastomeric Spray**

SpecSeal® AS200 Elastomeric Spray is a latex-based elastomeric firestop spray for construction joints and perimeter fire barrier applications. AS200 cures to form a durable seal that resists the passage of the products of combustion while accommodating for high dynamic joint movement.

**Features & Benefits:**
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- Water-based—easy installation, cleanup, and disposal
- Thixotropic—superior high-build properties
- Safe—low VOCs, no solvents, non-halogenated
- Auto-bonding—may be re-coated or repaired using ES Sealant
- Low abrasion—for longer pump life and less maintenance
- Tested with direct-applied fireproofing
- Acoustically tested—reduces noise transmission
- Water-resistant—will not re-emulsify when dry
- Paintable (when dry)
- Up to 50% movement (ASTM E1966/UL2079)

**Applications:**
- Slab edge/curtain wall conditions
- Head of wall—concrete fluted deck to gypsum wall/masonry wall
- Control/expansion joints (wall & floor)
- Metallic pipes
- Steel ducts

**Elastomeric Firestop Sealant**

SpecSeal® ES Sealant is a latex-based gun grade elastomeric firestop sealant designed for construction joint applications. Once cured, ES Sealant forms a flexible shield against the passage of fire and smoke.

**Features & Benefits:**
- Elastomeric—allows movement
- Water-based—easy installation, cleanup, and disposal
- Auto-bonding—allows fresh sealant to adhere to cured sealant
- Compatible with AS200 Spray
- Safe—low VOCs, no solvents, non-halogenated
- Water-resistant—will not re-emulsify when dry
- Paintable (when dry)
- Acoustically tested—reduces noise transmission

**Applications:**
- Control/expansion joints
- Slab edge conditions
- Head of wall—concrete fluted and slab to gypsum wall/masonry wall
- Joints and gaps in sound barriers

**TEST STANDARDS:**
ASTM E814 (UL 1479), ASTM E1966 (UL 2079), E2307, CAN/ULC S115, ASTM E84 (UL 723), ASTM E90

**Elastomeric Firestop Sealant**

SpecSeal® ES Sealant is a latex-based gun grade elastomeric firestop sealant designed for construction joint applications. Once cured, ES Sealant forms a flexible shield against the passage of fire and smoke.

**Features & Benefits:**
- Elastomeric—allows movement
- Water-based—easy installation, cleanup, and disposal
- Auto-bonding—allows fresh sealant to adhere to cured sealant
- Compatible with AS200 Spray
- Safe—low VOCs, no solvents, non-halogenated
- Water-resistant—will not re-emulsify when dry
- Paintable (when dry)
- Acoustically tested—reduces noise transmission

**Applications:**
- Control/expansion joints
- Slab edge conditions
- Head of wall—concrete fluted and slab to gypsum wall/masonry wall
- Joints and gaps in sound barriers

**TEST STANDARDS:**
ASTM E814 (UL 1479), ASTM E1966 (UL 2079), E2307, CAN/ULC S115, ASTM E84 (UL 723), ASTM E90
Endothermic Sealant

SpecSeal® LC Endothermic Sealant is a latex-based gun grade firestop sealant for construction joints and non-combustible penetrations. After application, LC Sealant cures to form a flexible seal against the propagation of fire. Under fire exposure, LC absorbs heat and release water vapor resisting the progress of smoke and flame.

Features & Benefits:
- Water-based—easy installation, cleanup, and disposal
- Endothetic fibers—absoct heat and release water
- High solids formula—low shrinkage
- Auto-bonding—allows fresh seaman to adhere to cured sealant
- Standalone/apainte when dry
- Safe—low VOCs, no solvents, non-halogenated
- Excellent sealing properties along with high build capabilities
- Excellent intumiscence
- Acoustically tested—reduces noise transmission

Applications:
- Metallic pipes, conduits, and tubing
- Complex multiple penetrants
- Electrical cabling systems
- Great choice for industrial and institutional power and utility
- Construction joints
- HVAC ductwork

CONSTRUCTION JOINTS

Silicone Sealant

SpecSeal® SIL300 Silicone Sealant is a high performance silicone firestop sealant tested to resist the passage of smoke, flame and water through construction joints and through penetrations. SIL300 Sealant cures to form a flexible seal and carries a Class 1 W Rating for water resistance (Per ANSI/UL1479).

Features & Benefits:
- Low modulus—allows up to +/-35% movement capability
- Auto-bonding—allows fresh seaman to adhere to cured sealant
- Excellent water-resistance—for water-tight sealing
- Ozone and UV-resistant—for excellent weathering ability and long service life
- Excellent chemical resistance—best choice in polluted or corrosive atmospheres
- Excellent adhesion to most building substrates
- Acoustically tested—reduces noise transmission
- Excellent smoke seal
- Neutral Cure
- UL® tested for W ratings

Applications:
- Seal Edge/Curb for wall, saging, and construction gaps
- Through-penetrations and joints
- High temperatures or movement
- Electrical, data, or telephone cables
- Seismic and expansion joints
- Top-of-wall joints
- Single or multiple metallic pipes, conduits, and tubing

SpeedFlex® Joint Profile System

SpeedFlex® Joint Profile partners with SpecSeal® spray-applied coatings to provide unsunsurpassed joint movement capabilities in standard gypsum board construction. SpeedFlex® Joint Profile eliminates the need for traditional forming materials allowing for reduced application times increasing productivity.

Features & Benefits:
- Seismic testing
- Allows 100% compression or extension
- Replaces mimewool in construction joints
- Clean, professional appearance
- Can be used to repair cracked joints
- Alternative to caulking joints
- Use with other Specta® firestop products

Applications:
- Head of wall construction joints
- Fluted deck
- Flat slab
- Repair/refill of cracked joints

SpeedFlex® TTG Track Top Gasket

SpeedFlex® TTG Track Top Gasket makes short work of construction joints in gypsum board construction. TTG eliminates the need for firestop sealants or sprays by fīrestopping as the wall is constructed. Track Top Gasket is easily cut to length with scissors or a sharp knife, installing quick with no waste. Custom sizes available upon request.

Features & Benefits:
- No caulk, no hassle, one-step solution, improves productivity, controls cost
- Works with most ceiling tracks, lightweight, easy to handle rails
- Eliminates estimating and installation guesswork—inspect at any time
- Simple peel, stick, and shoot installation—water-resistant, no shelf life
- Acoustically tested—reduces noise transmission
- L Ratings per UL2079 for use in smoke barrier construction
- Up to 100% movement

Applications:
- Head-of-wall, bottom-of-wall, wall-to-wall joints
- Perimeter fire-barrier
- Gypsum to flat concrete slab or steel fluted deck
- Non-rated acoustical walls or fire/smoke rated walls
Customized products are now available!

At STI, we know there are times when you need our products in special sizes or colors. Our customizing service can help your next project be more efficient and cost effective. Custom orders do come with minimums and lead times. We will work with you to get you what you need—when you need it.

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**EZ-Path® Fire-Rated Pathway**

Make your work stand out with EZ-Path® Custom Color Fire-Rated Pathways.

Eliminate guesswork. Streamline work flow and increase the visibility of your cable pathways. Segregate cables and systems by use, type and vendor. Perform moves, adds, and changes more easily and head off potential problems by visually organizing your cable systems.

**EZ-Path® Custom Color Fire-Rated Pathways—the only fire-rated pathway available in colors.**

Specify your own colors. Custom attachments are also available.

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Minimums and lead times may apply.

**SpecSeal® Composite Sheet**

SpecSeal® Composite Sheet is the ideal solution for large openings where a permanent seal is required.

Composite Sheet is a lightweight, rigid fire resistant panel consisting of an intumescent layer bonded to a galvanized steel sheet reinforced with steel wire mesh covered with aluminum foil. Composite sheet partners with other SpecSeal® FireStop products, such as Firestop Collars and EZ-Path® Devices, to size down oversized openings. See page 31 for standard sizes. Custom sizes, materials and thicknesses available up to 48 in. x 96 in.

Email us at customquotes@stifirestop.com

Minimums and lead times may apply.

**SpecSeal® CID Cast-In Firestop Device**

Eliminate coring and firestop before the concrete pour with SpecSeal® CID Cast-In Firestop Devices. SpecSeal® Cast-In Devices are a sleeve, concrete core and firestop rolled into a single device.

Get the exact sizes you need for your next project!

We’ll custom cut lengths up to 36in. Fill out the form at stifirestop.com/cast-in-quote-form/ or call 800-992-1180 to receive a quote.
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