



SpecSeal® 8 Inch Cast-In Firestop Device

The SpecSeal® 8 Inch Cast-In Firestop Device is an integrated sleeve and firestopping device that includes a removable core for a clean, ready-to-use opening. The device consists of a sturdy sheet metal housing encompassing an intumescent firestopping and smoke-sealing system. The 8 in (203 mm) device is available in two versions accommodating both plastic and metallic pipe. Both versions cover a wide range of standard concrete thicknesses with the following heights available: 6.00 in (152 mm), 8.00 in (203 mm), 10.00 in (254 mm), 12.00 in (305 mm), and 14.00 in (356 mm). The intumescent expands in high temperatures to impede fire, smoke, and hot gas passage.

Applications

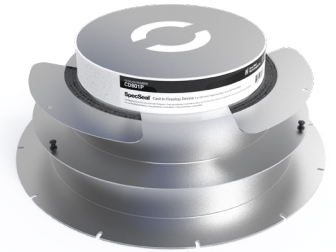
SpecSeal® Cast-In Firestop Devices are engineered for use in concrete floors to form firestopped openings for various through-penetrating items, including plastic, metallic, and insulated metallic pipes.

Specifications

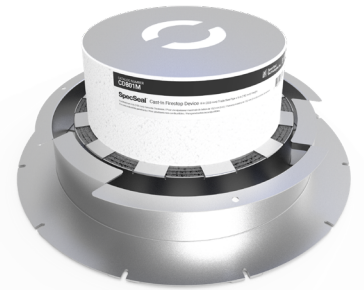
The firestop system shall be a single component, welded metal housing constructed of zinc-plated cold rolled steel, supplied with an encapsulated, tamper-proof integral firestop system and smoke seal. The device shall be installed in accordance with the manufacturer's written instructions. Dedicated devices for metallic and plastic piping accommodate concrete thicknesses up to 14 in (356 mm). The device shall be certified by Underwriters Laboratories Inc. (UL) as a through-penetration firestop device, tested to ASTM E814 (UL1479) and CAN/ULC-S115 for up to a three-hour rating. Bidirectional suitability enables use in both floor and ceiling penetrations. Manufactured in the United States in an ISO certified manufacturing facility.

Specified Divisions

Division 7	07 84 13	Penetration Firestopping
Division 22	22 00 00	Plumbing
Division 23	23 00 00	HVAC
Division 26	26 00 00	Electrical



Cast-In Device
for plastic pipes



Cast-In Device
for metallic pipes

PHYSICAL PROPERTIES

Housing Construction	Zinc-plated, Cold Rolled Steel (SECC)
Expansion Begins	320°F (160°C)
Volume Expansion	30x to 60x
In Service Temperature	Max. 130°F (54°C)
Shelf Life	No Limit
Standard Device Footprint	16.25 in (413.8 mm)

Features & Benefits

- Saves money by eliminating core drilling.
- Devices available for metal and plastic piping.
- Saves time - no firestopping step required.
- Provides pre-installed fire and smoke seal.
- Adapts to a wide variety of construction conditions.
- Device is bidirectional allowing for both floor and ceiling penetration.
- Multiple versions are available to match varying concrete depths.
- Factory-metered dose of intumescence; eliminates guess work.
- Environmentally friendly.
- Manufactured in the USA in an ISO certified facility.



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Performance

SpecSeal® Cast-In Firestop Devices have been successfully tested in accordance with ASTM E814 (UL1479) and CAN/ULC-S115 in floor assemblies for up to three hours. Consult manufacturer for individual system designs and application requirements.

Limitations

This product has been designed to be safe with plastics. It has been used extensively and successfully with various types of plastic pipes, tubes, and plastic cable insulations. Variations in these materials, however, make it impossible to guarantee compatibility. STI strongly recommends that the user consults with the pipe, tubing, or cable manufacturer in question regarding any known sensitivities or potential restrictions before applying this product.

Maintenance

Installations should be inspected periodically for subsequent damage. Any damage should be repaired using SpecSeal® products.

System Selection

To find your firestop system or create a submittal, visit <https://systems.stifirestop.com/> to use System Search & Submittal Builder. You may also visit the [UL Online Certifications Directory/UL Product iQ™](#) for complete listings. (Firestop Systems).

Technical Service

Specified Technologies Inc. provides toll free technical support to assist in product selection and appropriate installation design. UL System designs suitable for submittal or specification purposes are available on request. A complete library of technical information is provided at the company's website www.stifirestop.com including Safety Data Sheets (SDS's).

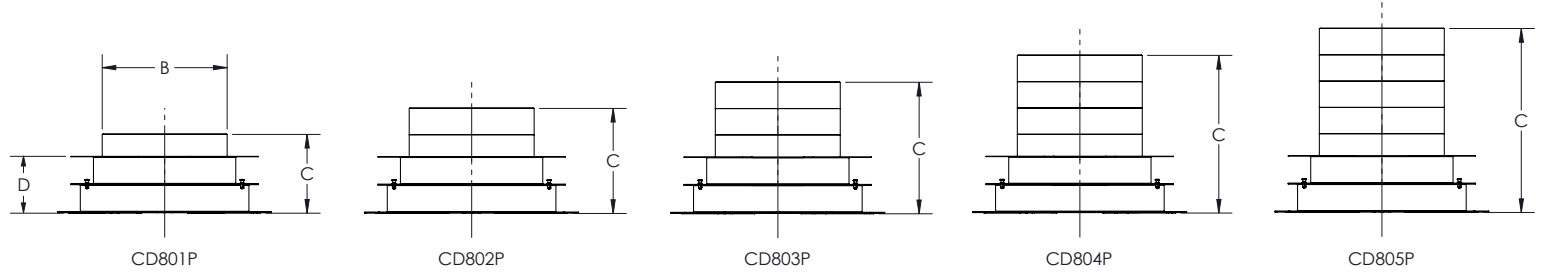
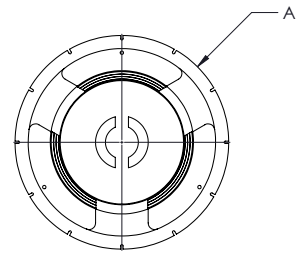
Precautionary Information

No unusual hazards are known or expected. Observe normal safety procedures during installation.

Availability

SpecSeal® 8 Inch Cast-In Firestop Devices are available from Specified Technologies Inc. (STI) authorized distributors. For additional purchasing and technical information or for the names and locations of the nearest representative and/or distributor, regarding this and other Specified Technologies products, please call 1-800-992-1180 or visit www.stifirestop.com.

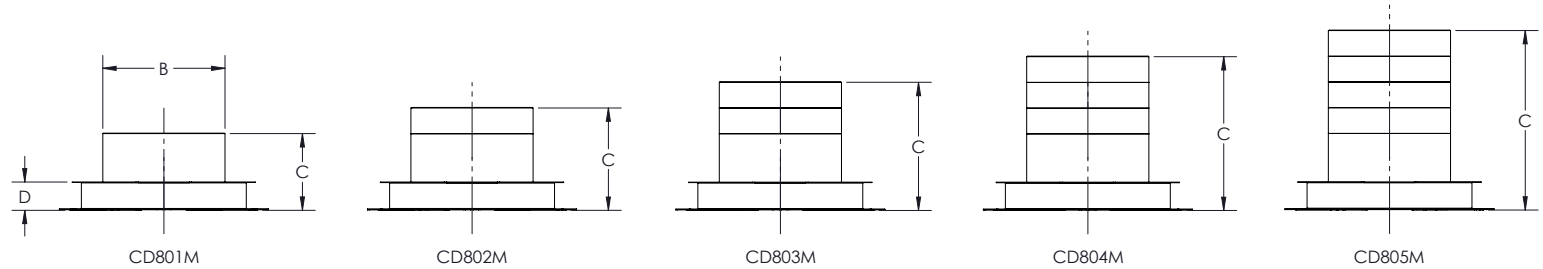
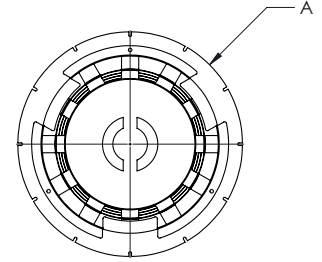
DEVICE DIMENSIONS (CAST-IN DEVICE FOR PLASTIC PIPES)					
	CD801P	CD802P	CD803P	CD804P	CD805P
A			ø 16.25 in (412.8 mm)		
B			ø 9.50 in (241.3 mm)		
C	6.00 in (152.4 mm)	8.00 in (203.2 mm)	10.00 in (254.0 mm)	12.00 in (304.8 mm)	14.00 in (355.6 mm)
D			4.33 in (110 mm)		



SpecSeal® 8 Inch Cast-In Firestop Device



DEVICE DIMENSIONS (CAST-IN DEVICE FOR METALLIC PIPES)					
	CD801M	CD802M	CD803M	CD804M	CD805M
A			ø 16.25 in (412.8 mm)		
B			ø 9.50 in (241.3 mm)		
C	6.00 in (152.4 mm)	8.00 in (203.2 mm)	10.00 in (254.0 mm)	12.00 in (304.8 mm)	14.00 in (355.6 mm)
D			2.20 in (55.9 mm)		



Ordering Information

ORDERING INFORMATION (DEVICES FOR COMBUSTIBLE PENETRANTS)

Catalog Number	UPC Number	Description	Pipe Trade Size	Concrete Thickness	(UOM) Qty.	Case Qty.	Weight (Each)
CD801P	730573343463	6 in (152 mm) Height	8 in (203 mm)	6 in (152 mm)	1	1	10.9 lbs (4.94 kg)
CD802P	730573343494	8 in (203 mm) Height	8 in (203 mm)	8 in (203 mm)	1	1	11.0 lbs (4.99 kg)
CD803P	730573343500	10 in (254 mm) Height	8 in (203 mm)	10 in (254 mm)	1	1	11.1 lbs (5.03 kg)
CD804P	730573343517	12 in (305 mm) Height	8 in (203 mm)	12 in (305 mm)	1	1	11.2 lbs (5.08 kg)
CD805P	730573343524	14 in (356 mm) Height	8 in (203 mm)	14 in (356 mm)	1	1	11.3 lbs (5.13 kg)

ORDERING INFORMATION (DEVICES FOR NONCOMBUSTIBLE PENETRANTS)

Catalog Number	UPC Number	Description	Pipe Trade Size	Concrete Thickness	(UOM) Qty.	Case Qty.	Weight (Each)
CD801M	730573343548	6 in (152 mm) Height	8 in (203 mm)	6 in (152 mm)	1	1	6.4 lbs (2.90 kg)
CD802M	730573343555	8 in (203 mm) Height	8 in (203 mm)	8 in (203 mm)	1	1	6.5 lbs (2.95 kg)
CD803M	730573343562	10 in (254 mm) Height	8 in (203 mm)	10 in (254 mm)	1	1	6.6 lbs (2.99 kg)
CD804M	730573343579	12 in (305 mm) Height	8 in (203 mm)	12 in (305 mm)	1	1	6.7 lbs (3.04 kg)
CD805M	730573343586	14 in (356 mm) Height	8 in (203 mm)	14 in (356 mm)	1	1	6.8 lbs (3.08 kg)

TEST STANDARDS: ASTM E814 (UL 1479), CAN/ULC-S115, ASTM D4833



IMPORTANT NOTICE: ALL STATEMENTS, TECHNICAL INFORMATION, AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED UPON TESTING BELIEVED TO BE RELIABLE, BUT THE ACCURACY AND COMPLETENESS THEREOF IS NOT GUARANTEED.

STI TYPICALLY WARRANTIES ITS PRODUCTS FOR ONE FULL YEAR. FOR COMPLETE DETAILS OF OUR STANDARD WARRANTY, PLEASE VISIT WWW.STIFIRESTOP.COM/LEGAL/WARRANTY
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FBC™ System Compatible indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® piping systems and products made with TempRite® Technology. The FBC System Compatible Logo, FBC™, FlowGuard Gold®, BlazeMaster®, Corzan®, and TempRite® are trademarks of Lubrizol Advanced Materials, Inc. or its affiliates.

