

LC ENDOTHERMIC SEALANT

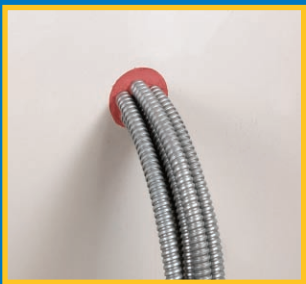


A Firestopping Sealant For Non-Combustible Penetrants In Through Penetrations & Construction Joints.

SpecSeal[®] Series LC Sealant is a latex-based, high solids firestop compound. This material, when properly installed, will effectively seal penetration openings against the spread of fire, smoke, toxic gasses and water.

Series LC is engineered to adhere well to virtually all construction surfaces and may be applied using a standard caulk gun or by troweling with a standard mason's trowel or with a putty knife.

Series LC dries without shrinking to form a flexible shield against the propagation of fire. Its premium latex binder system is totally resistant to water and will not re-emulsify after drying. SpecSeal Series LC Sealant is non-halogenated, contains no asbestos, inorganic fibers or solvents.



Features & Benefits

- **Water-Based** for easy installation, cleanup, and disposal.
- **Endothermic Fillers** to absorb heat & release water.
- **High Solids Formula** means no shrinkage!
- **Paintable** (when dry)
- **Safe ... No Solvents!** Non-Halogenated! Low VOC's
- **Red Color** for easy identification and inspection.
- **Installer Friendly** - Excellent caulking properties along with high build capabilities.
- **Excellent Smoke Seal**
- **Flexible**

APPLICATIONS

Series LC is designed primarily for sealing penetrations for noncombustible penetrants. Series LC has been tested and approved for single metallic pipe penetrations up to 24" (610 mm) as well as multiple penetrants through both masonry and gypsum wallboard constructions. Additional systems have been tested for steel sleeved penetrations as well as some common electrical and communications cable penetrations.

See STI's Product & Application Guide as well as the UL[®] Fire Resistance Directory for complete listings.

- Piping: non-combustible steel, iron, cast iron and copper up to 24" in diameter.
- Complex multiple penetrants
- Communication cabling systems.
- Construction joints.
- HVAC ducts.



FILL, VOID OR CAVITY MATERIALS FOR USE IN JOINT SYSTEMS AND THROUGH-PENETRATION FIRESTOP SYSTEMS. SEE UL DIRECTORY OF PRODUCTS CERTIFIED FOR CANADA AND UL FIRE RESISTANCE DIRECTORY.

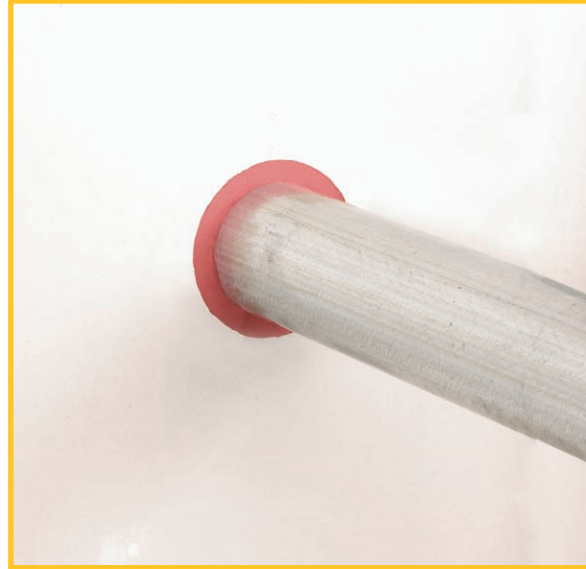
PERFORMANCE

SpecSeal® Series LC Sealant is the basis for systems that meet the exacting criteria of ASTM E814 (UL1479) as well as the time-temperature requirements of ASTM E119. Tested systems will provide up to a 3 hour rating utilizing as little as 1/4" (6 mm) of sealant depth 1/2" (13 mm) for 4 hours.

PHYSICAL PROPERTIES

Properties	Series LC
Color	Red
Odor	Mild Latex
Density	11.4 lb./gal.
Solids Content	80% ± 2%
pH	7.4-8.4
In Service Temperature	≤120° F (≤49° C)
Flame Spread	0*
Smoke Developed	10*
STC Rating (ASTM E90/ASTM C919)	61
VOC Content (EPA Method 24/ASTM D3960)	0.33 lb/gal.(40 g/L)
Shelf Life	12 Months

*ASTM E84 (UL723) @ 14% Surface coverage. (Modified test for sealants and caulks.)



ORDERING INFORMATION

Part #	Description	Packaging	Size
LC150	Endothermic Firestop Sealant	Tube	10.1 oz. 18.2 cu in. (300ml)
LC120	Endothermic Firestop Sealant	Sausage Tube	20 oz. 36 cu in. (592 ml)
LC129	Endothermic Firestop Sealant	Tube	29 oz. 52 cu in. (858 ml)
LC155	Endothermic Firestop Sealant	Pail	5 gal. 1,155 cu in. (19 liters)



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.

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Specified Technologies manufactures its goods in a manner to be free of defects. Should any defect occur in its goods (within one year), Specified Technologies, Inc., upon prompt notification, will at its option, exchange or repair the goods or refund the purchase price.

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MADE IN THE USA



Specified Technologies, Inc.
200 Evans Way
Somerville, NJ 08876 USA
Toll Free: 800-992-1180
Fax: (908) 526-9623
E-mail: specseal@stifirestop.com

www.stifirestop.com

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