



Spectra Series™ Busway

UL Fire Stop System #539

A UL listed three-hour fire stop barrier is now available for use with GE Spectra Series™ Busway. The new fire-stop system was designed and tested by GE Silicones in exclusive combination with Spectra Series™ Busway—so the rating does not apply to competitive products. The system is listed in the UL Fire Resistance Directory under section XHEZ - Through-Penetration Fire-stop Systems. In addition to the 3-hour test, the system passed a 24-second fire hose test (30 psi).

The contractor installs the fire-stop system on site during the busway installation process. For riser applications, the system is used in combination with a standard GE spring hanger and floor flange. For horizontal applications, the system is used in combination with two wall flanges (one per side).

You have two options for ordering the fire-stop material:

- 1) With initial busway purchase. Use the catalog numbers listed below and the fire-stop material will be shipped in a specially-marked box directly to the job site with the busway.
- 2) Through GE 1-stop or an authorized GE Silicones Distributor. Recommended for fill-in (if needed) after initial purchase.

The ordering information below is provided as a guideline for typical fire-stop systems. If you have an annulus (or opening) greater than 1" beyond the busway enclosure, you will need to determine the proper amount of firestop material based on the instructions on the reverse side and dimensions found in GE publication GET-7005A or the GE ED&C Buylog. Quantities are based on application of recommended amount of material; more may be required if over-application occurs.

CUBIC INCHES REQUIRED PER FLOOR

Amperage	PENSIL 100		PENSIL 500	
	AL	CU	AL	CU
225-600	17	17	22	22
800	21	17	24	22
1000	22	18	25	23
1200	23	20	26	24
1350	27	22	28	25
1600	28	23	29	26
2000	33	27	32	28
2500	46	33	42	32
3000	53	44	46	42
4000	66	53	54	46
5000		66		54

LIST PRICES

Description	Container	Cat. No.	List Price GO-126SF
PENSIL 100	18.6 cu. in/cartridge	PENSIL 100	\$ 62
PENSIL 500	30 cu. in/box	PENSIL 500	\$117

INSTALLATION INSTRUCTIONS FOR UL FIRESTOP SYSTEM #539

PREPARATION Clean concrete surface which is to receive Pensil 100 sealant (minimum of 1/2" from top surface) with a wire brush followed by an air blast or solvent wipe. Solvent may be IPA, MEK, or other suitable solvent. The purpose of the air blast or the solvent wipe is to remove residual dust from the surfaces of the concrete. Wipe off any contaminants which are on the busway with a paper towel or clean rag. Use a cleaning solution if necessary, especially if oils are present.

INSTALLATION Install 2 1/2" of mineral wool firmly packed into the opening. Apply a 1/2" wide by 1 1/2" deep ribbon of Pensil 500 putty around the circumference of the busway so it is recessed 1/2". Fill the remaining areas with mineral wool so the Pensil 500 putty and the mineral wool are recessed 1/2" from the top of the opening or face of the wall. Gun in Pensil 100 filling the remainder of the opening. Tool the sealant so it is firmly in contact with the busway and the wall of the penetration opening. Install the busway cover plate. The pensil 500 and Pensil 100 must be installed symmetrically on wall penetrations.

