

Fire Barrier Sealant



1. Scope

This standard covers the requirements for fire barrier sealant.

This standard applies to Seattle City Light (SCL) Stock No. 012790.

2. Application

Fire barrier sealant is used to provide a fire barrier for openings in interior walls and floors. Sealant may be used alone or in conjunction with fire barrier plugs. See SCL 7201.69.

3. Requirements

Fire barrier sealant shall be intumescent; that is, designed to swell as a result of heat exposure, thus increasing in volume and decreasing in density.

Fire barrier sealant shall meet the following requirements:

Description	Requirement
Color	Red
Application temperature range	40°F to 104°F (5°C to 40°C)
Temperature resistance range	-4°F to 180°F (-15°C to 82°C)
Surface burning characteristics (ASTM E 84-10b)	Flame Spread Index: 0 Smoke Development Index: 10
Chemical basis	Water-based acrylic dispersion

4. Packaging

Sealant shall be packaged in 10-oz tubes.

Sealant shall be packaged to prevent damage during shipping, handling, and storage.

Individual packages shall be legibly marked with:

- Manufacturer name
- Manufacturer catalog number
- Product description
- Seattle City Light stock number

Shipping containers shall be legibly marked with:

- Seattle City Light purchase order number
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5. Issuance

Stock Unit: TU

6. Approved Manufacturers

Manufacturer	Product Name	Catalog No.
Hilti	FS-ONE MAX	2101531
3M	CP 25WB+	98040054060

7. References

SCL Material Standard 7201.69; "Fire Barrier Plugs"

8. Sources

SCL Stock Catalog page 70-53; February 7, 2013

Lu, Curtis; SCL Standards Engineer and originator of 7535.35

www.3M.com

www.hilti.com