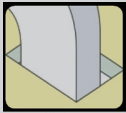


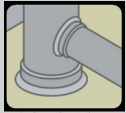


US110 Fire Barrier Foam

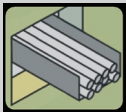
Applications



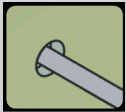
Air duct



Plastic Pipe



Cable Tray



Metallic Pipe



Cable Bundle



Multiple Penetrations



No Penetration



Description

Industry leading Firestop Technology, US110 Fire Barrier Foam is a two component foam, consisting of separate A and B liquid components which, when mixed, form a flexible medium-density fire retardant foam.

US110 Fire Barrier Foam is designed to seal large openings containing multiple penetrations such as cable bundles, cable trays and metallic pipes. Prior to foaming, the liquid components remain fluid, allowing effortless sealing of any size and shape opening, making the product quicker and more efficient than traditional firestop methods.

US110 Fire Barrier Foam's fast expansion technology quickly fills voids, offering excellent protection from fire, heat transfer, smoke and gases.

US110 Fire Barrier Foam offers unparalleled resistance to fire consumption, is halogen and asbestos free, durable and maintenance free.

Meets the intent of LEED® VOC environmental air quality requirements. requirements.

Specifications:

	US110 A	US110B
Color:	Gray	Brown
Packing:	12.25 Kg	7 Kg
Foaming time:	1 - 5 min.	
Optimum foaming temp:	68° F to 86° F (20° C - 30° C)	
Curing time:	24 hours	
Foam rate:	5 - 7 times	
LO.I.:	> 32	
Storage temp:	59° F - 77° F (15° C - 25° C)	
In-Service temp:	-13° F - 176° F (-25° C - 80° C)	
Shelf life:	12 months	
Intumescent expansion rate:	2-5 times	
Mix ratio A:B	7-4 by weight	
Yield per kit:	134,750 cm ³ (depending on ambient conditions)	
Performance:	50+ years HOAC tested	

Fill, void or cavity material. For use in through-penetration firestop and joint systems.



US110 Fire Barrier Foam

Testing

ASTM E 814 up to 2 hr F and T Ratings

UL 1479 2 hr F and T Ratings

L Rating at Ambient - Less than 1 cfm/sq. ft.

ULC S-115 up to 2 hr FH Rating

L Rating at Ambient - Less than 5.1 L/S/m²

FM Approved

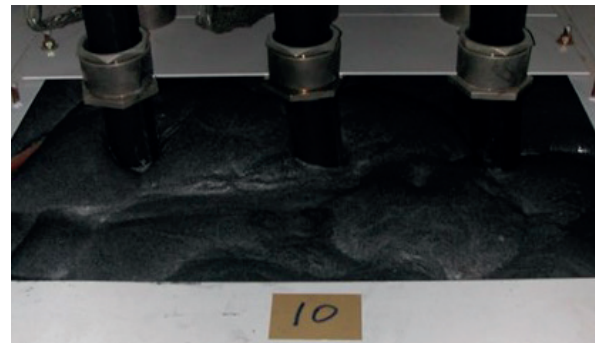
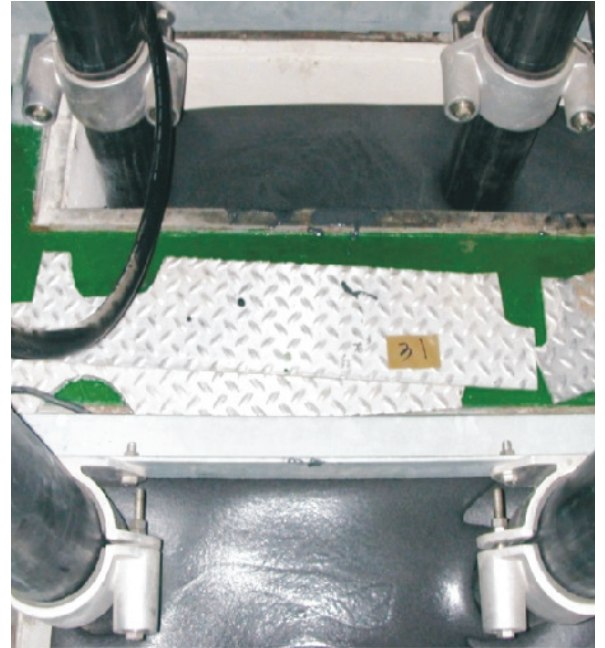
ASTM E 84 Flame 0 Smoke 25

CNS 14514 2 hr Class A and B

ASTM E662 & FAR 25.853

Installation guide:

1. Refer to applicable certification directory or www.painttoprotect.com for listed assemblies.
2. Areas to be protected must be clean and free of oil, loose dirt, rust or scale. Installation temperatures must be between 68° F - 86° F (20° C - 30° C).
3. Calculate amount of material required, based on the fact that a 19.25 kg kit yields 134,750 cm³.
4. US110 is supplied as two part components (Parts A & B). Settling and separation during storage is expected, therefore both components must be stirred with a clean paddle or suitable power mixer prior to use.
5. Using a scale, weigh out and mix parts of US110A and US110B at a ratio of 7 - 4 . Mixing may be accomplished using a paddle mixer or other suitable power mixer in a container or by the use of automatic mixing and dispensing equipment. If paddle mixing is used, mix aggressively for 30 seconds.
6. Immediately pour mixed foam into the penetration. Product rises and cures in 1- 5 minutes depending on temperature.
7. Mechanical mixing and dispensing is recommended for large volume applications.



International Fireproof Technology Inc.
The Ultimate in Firestop Solutions and Fire Protective Coatings

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