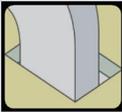




INSS1440 Fire Barrier Caulk

Applications



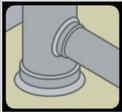
Air duct



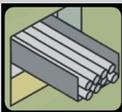
Cable Bundle



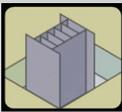
Insulated Pipe



Plastic Pipe



Cable Tray



Busway



Metallic Pipe



Multiple Penetrations



Description

Industry leading Firestop Technology, INSS1440 Fire Barrier Caulk is a single component water-based acrylic intumescent firestop sealant.

INSS1440 Listed designs use less product and offer exceptional performance, making it more cost effective than other traditional firestop caulking's. The product's fast expansion technology quickly fills voids, offering excellent protection from fire, heat transfer, smoke and gases.

INSS1440 is used for sealing gaps around single or multiple penetrations through interior walls and floors, or for sealing gaps around doors and window frames in critically fire rated structures.

INSS1440 Fire Barrier Caulk will adhere to most construction materials and penetrant items, is installation friendly, asbestos and halogen free, and can be painted after full curing.

Specifications

Specific Density:	1.50 ± 0.1 g/cm³
Color:	Red, Gray
VOC:	23 g/L
STC:	64
Tack Free time:	30 minutes
Curing time:	7 - 21 days
Expansion rate:	3 - 5 times
Application temperature:	40° F - 104° F (5° C - 40° C)
In-Service Temperature:	-13° F - 176° F (-25° C - 80° C)
Storage Temperature:	50° F - 95° F (10° C - 35° C)
Packaging:	310 ml/Tube, 25 Tubes/CTN 20 fl. oz./Sausage, 20 Sausages/CTN 1 gal/pail & 5 gal/pail
Shelf Life:	24 months
Performance:	50+ years HOAC tested



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



INSS1440 Fire Barrier Caulk

Testing

ASTM E814 up to 3 hr F&T Rating

UL 1479 up to 3 hr F&T Rating

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

ULC S-115 up to 3 hr F Rating

up to 2 hr FT Rating

up to 3 hr FH Rating

up to 2 hr FTH Rating

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

FM Approved

CNS 14514 up to 3 hr Class A&B

GB 23864

ASTM E84 - Flame 5 Smoke 20

ASTM E662 & FAR 25.853

Installation guide:

1. Refer to applicable certification directory or www.painttoprotect.com for listed assemblies.
2. Ensure application area is clean and free of oil, loose dirt, rust or scale and is dry and frost free.
3. Install the correct depth and compression of backing material, if required, as detailed within the applicable Listed system, allowing for sufficient depth of fill material.
4. Using a caulking gun, trowel or putty knife, apply INSS1440 fire barrier caulk into the seams, gaps or voids between forming material and floor or wall surface.
5. Tool the sealant surface smooth using a putty knife dipped in water, making complete contact with substrates to ensure an air and smoke tight seal.
6. Clean up, as necessary, with water.
7. INSS1440 fire barrier caulk cures by water evaporation and is not recommended for use in a wet environment.



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

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