Description

INSS1440 Fire Barrier Caulk is a single component water based acrylic designed to seal the gaps around penetrations, containing single or multiple items, through fire rated walls or floors, and for sealing gaps around doors and window frames in critically fire rated structures.
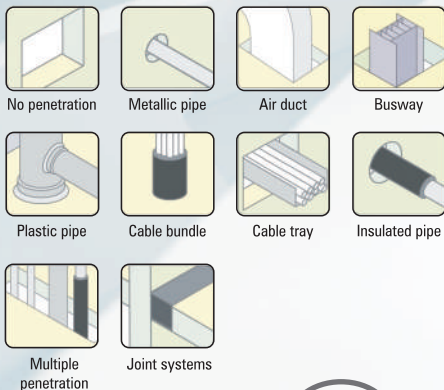
Testing shows that even after extended aging by exposure to 1×10^{6} Gy (1×10^{8} rad) gamma radiation, our firestop products will maintain their full firestop performance for 50+ years.

INSS1440 offers a fast intumescent rate and blocks thermal transfer. INSS1440 will adhere to most construction materials and penetrant items. Installation friendly, asbestos and halogen free, INSS1440 is one of the primary products used in firestop assemblies.

Specification

Specific Gravity	1.50±0.1g/cm³
Color	Gray
Tack-free time	Approx. 30 min.
Time for full cured	7 ~ 21 days
Expansion rate	3 ~ 5 times
Storage temp.	10°C ~ 30°C
Package	310ml/Tube; 25Tubes/Ctn
Shelf Life	2 years

Installation guide

1. Refer to UL online certifications directory for listed assemblies

2. Ensure application area is clean and free of oil, loose dirt, rust or scale.

3. If forming is required, cut forming material over-size to allow for tight packing of the annular space.

4. Using a caulking gun, apply INSS1440 fire barrier caulk into the seams, gaps or voids between forming material and floor or wall surface.

5. The sealant surface can be smoothed using a putty knife dipped in water.

6. INSS1440 fire barrier caulk cures by water evaporation and is not recommended for use in a wet environment.

7. Easy water clean up.

Testing

- UL1479 up to 3 hrs, T, and L Rating
- ULC S115 up to 3 hrs, FTH Rating
- FM approved
- CNS 14514 up to 3 hrs, Class A and B
- GB23864
- ASTM E 84
- ASTM E662

Applications

No penetration	Metallic pipe	Air duct	Busway
Plastic pipe	Cable bundle	Cable tray	Insulated pipe
Multiple penetration	Joint systems		

FILL, VOID OR CAVITY MATERIAL
FOR USE IN THROUGH-PENETRATION FIRESTOP SYSTEMS
SEE UL FIRE RESISTANCE DIRECTORY
INternational CArbide Technology Co., Ltd.
INCA Fire Barrier Caulk INSS1440
INCA
44DG

C UL US CLASSIFIED

CCC F

CLASSIFIED C UL US

FM Approved

FCIA