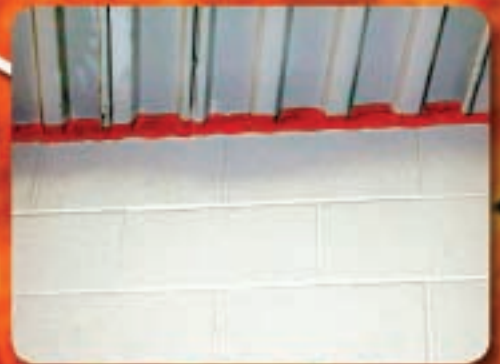




# FIREBARRIER

## FIRESTOP SYSTEMS







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## FIRESTOP SYSTEMS

*A/D Fire Protection Systems provides a complete system of products required for firestopping. All are independently certified and tested to assure rated fire protection at penetrations and openings in fire-rated floors and walls.*

*A/D FIREBARRIER products are listed by Underwriters Laboratories, Intertek Testing Services (Warnock Hersey) and Factory Mutual and are certified under rigorous factory inspection programs.*

### PRODUCTS



### FEATURES

#### Intumescent Sealant

- Water based, intumescent
- Economical
- Forms a durable, water-tight bond
- Physical properties remain stable over time
- During a fire expands to fill opening where combustible piping was located
- Tools easily
- Low odour
- Ideal for “caulk and walk” systems
- Colour: Red

#### Acrylic Sealant

- Water based
- Economical
- Forms a durable, flexible water-tight bond
- Applied by caulking or trowel
- Physical properties remain stable over time
- Colour: Red

#### Silicone & Silicone SL

- Forms a durable, flexible, water-tight bond
- May be applied over a wide temperature range, -18°C to 50°C (0°F to 120°F)
- Physical properties will remain stable over time
- Will not crack or crumble
- Tools easily
- SL = self-levels - no tooling required
- Neutral cure - low odour
- Underside of floor applications tested
- Colours  
Silicone: Red or Grey  
Silicone SL: Red

### USAGE

#### Plumbing

Copper, steel, iron insulated, and combustible (plastic) pipes

#### Ducts

Steel ducts

#### Electrical

Cables, cable trays, bundled cables and electrical conduits

#### Plumbing

Pipes, insulated pipes, copper, steel, and combustible (plastic) pipes

#### Electrical

Conduits, cables, cable trays

#### Joint Systems

Horizontal and vertical

#### Joints - Movement Capable

UL 2079 tested

#### Plumbing

Pipes, insulated pipes, glass, copper, steel, iron and combustible (plastic) pipes

#### Electrical

Conduits, cables, cable trays, bundled cables

#### Ducts

Steel ducts

#### Joint Systems

Horizontal and vertical (horizontal only for SL)

#### Joints - Movement Capable

UL 2079 tested

### SIZES

#### Cartridges

10.1 fl.oz. (300 mL)  
28.7 fl.oz. (850 mL)

#### Containers

5 US gal (18.9 L) pails

#### Foil Pack

20.3 fl.oz. (600 mL)

#### Cartridges

10.1 fl.oz. (300 mL)  
28.7 fl.oz. (850 mL)

#### Containers

5 US gal (18.9 L) pails

#### Foil Pack

20.3 fl.oz. (600 mL)

#### Cartridges

10.3 fl.oz. (304 mL)  
28.7 fl.oz. (850 mL)

#### Containers

2.64 US gal (10 L) pails  
4.5 US gal (17 L) pails

#### Foil pack

20 fl oz (600 mL)

### LISTED/ CERTIFIED

ULI, cUL

ULI, cUL

ULI, ULC, cUL, ITS (WH), FM

- A/D FIREBARRIER Intumescent Sealant
- A/D FIREBARRIER Acrylic Sealant
- A/D FIREBARRIER Silicone & Silicone SL
- A/D FIREBARRIER SprayAcrylic
- A/D FIREBARRIER Seal & Seal NS
- A/D FIREBARRIER Mineral Wool



### SprayAcrylic

- Water based elastomeric
- Economical
- Forms a durable, water tight bond
- Physical properties will remain stable over time
- May be sprayed or trowelled
- Curtain wall / floor joints tested

- Colour: Red



### Seal & Seal NS

- Water based
- Economical
- Forms a durable, water-tight bond
- Seal may be poured, pumped or sprayed
- Underside of floor applications tested
- Physical properties remain stable over time

- Colours  
Seal: Blue  
Seal NS: White (may be tinted in the field), and Red



### Mineral Wool

- Non-combustible
- Pre-cut strips facilitate easy installation and provide a smooth surface to help control depth of sealant that is applied
- High quality, proprietary insulation blankets/strips
- UL and ULC listed and certified



### Mortar

- Foamed cement
- Single component
- Easy to use
- Economical
- Mixes easily with water to form a lightweight non-slumping paste that is easy to place and tool
- Self-supporting
- Tested for very large openings
- Non-combustible

- Colour: Grey

### Joint Systems

Horizontal and vertical, curtain wall, head-of-wall, perimeter and floor to wall

**Joints - Movement Capable**  
UL 2079 tested

### Plumbing

Pipes, insulated pipes, glass, copper, steel, and CPVC

### Electrical

Conduits, cables, cable trays

### Joint Systems

Horizontal and vertical

**Joints - Movement Capable**  
UL 2079 tested

### General

A/D FIREBARRIER Mineral Wool is the recommended and/or required backing for A/D FIREBARRIER sealants in most firestop applications

### Plumbing

Glass, copper, steel, iron, insulated pipes and multiple penetrations

### Electrical

Conduits, cables, cable trays, multiple penetrations

### Ducts

Steel ducts

### Large openings

### Containers

5 US gal (18.9 L) pails

### Cartridges

(Seal NS only)  
10.3 fl.oz. (304 mL)  
28.7 fl.oz. (850 mL)

### Containers

(Seal & Seal NS)  
5 US gal (19 L) pails

Packaged 25 lb (11 kg) nominal in plastic bags in various pre-cut x 4 ft strips or blankets

### Containers

15.5 lb (7 kg) bags

ULI, cUL

ULI, ULC, cUL, ITS (WH), FM

ULI, ULC, ITS (WH), FM

ULI, ULC, cUL, ITS (WH), FM

- A/D FIREBARRIER Mortar
- A/D FIREBARRIER Putty
- A/D FIREBARRIER Pillows
- A/D FIREBARRIER Collars
- A/D FIREBARRIER Putty Pads & Inserts
- A/D FIREBARRIER Wrap Strip & Collar Strips



**Pillows**

- Quick and clean single product installation
- No mesh or lath required
- No sealant or putty required
- Ideal for cable retrofitting
- Easy to install, remove or replace



**Putty Pads & Inserts**

- Used to maintain hourly fire resistance ratings of fire resistive walls and partitions containing electrical boxes
- Permit greater density of outlet and switch boxes in rated walls than would otherwise be permitted by codes for unprotected boxes
- Intumescent materials expand when exposed to fire to seal off the box
- Single component
- Easy to install



**Putty**

- Easy to install
- Single component
- Intumescent
- No mixing
- Remains soft and pliable



**Collars, Wrap Strip & Collar Strips**

- Easy to install with common tools
- Collars - Convenient, ready to install 3, 4 and 6-in. nominal trade sizes
- Wrap Strip - For use with or without steel Collar Strip
- Intumescent feature closes off and seals plastic pipes and pipe insulation
- Passes 50 Pa test requirement in Canada (refer to test designs)

**Electrical**

Cables, cable trays, bundled cables

**General**

Blank or temporary openings

**Electrical**

Protect electrical outlet and switch boxes

**Plumbing**

Pipes through concrete walls and floors

**Electrical**

Cables and conduits through gypsum wallboard.

**Plumbing**

Combustible (plastic) pipes and insulated pipes through concrete or gypsum wallboard, vertical and horizontal

2 x 4 x 8 in.  
(50 x 100 x 200 mm)  
packaged 25 per box

**Inserts**  
2 x 4 in. or 4 x 4 in.  
packaged 50 per carton  
**Putty Pads**  
6 x 7 x .2 in. &  
9.25 x 9.25 x .2 in.  
packaged 12 per carton

**Sticks**  
66.2 in<sup>3</sup> (1085 mL)  
packaged 12 per carton

**Collars**  
Nominal 3, 4 and 6 in. trade sizes  
**Wrap Strip**  
1 or 2 in. wide x 1/4 in. thick x 12 ft strips  
**Collar Strip**  
50 ft coil

ULI, ULC, cUL

ULI, cUL

ULI, cUL

ULI, ULC, cUL

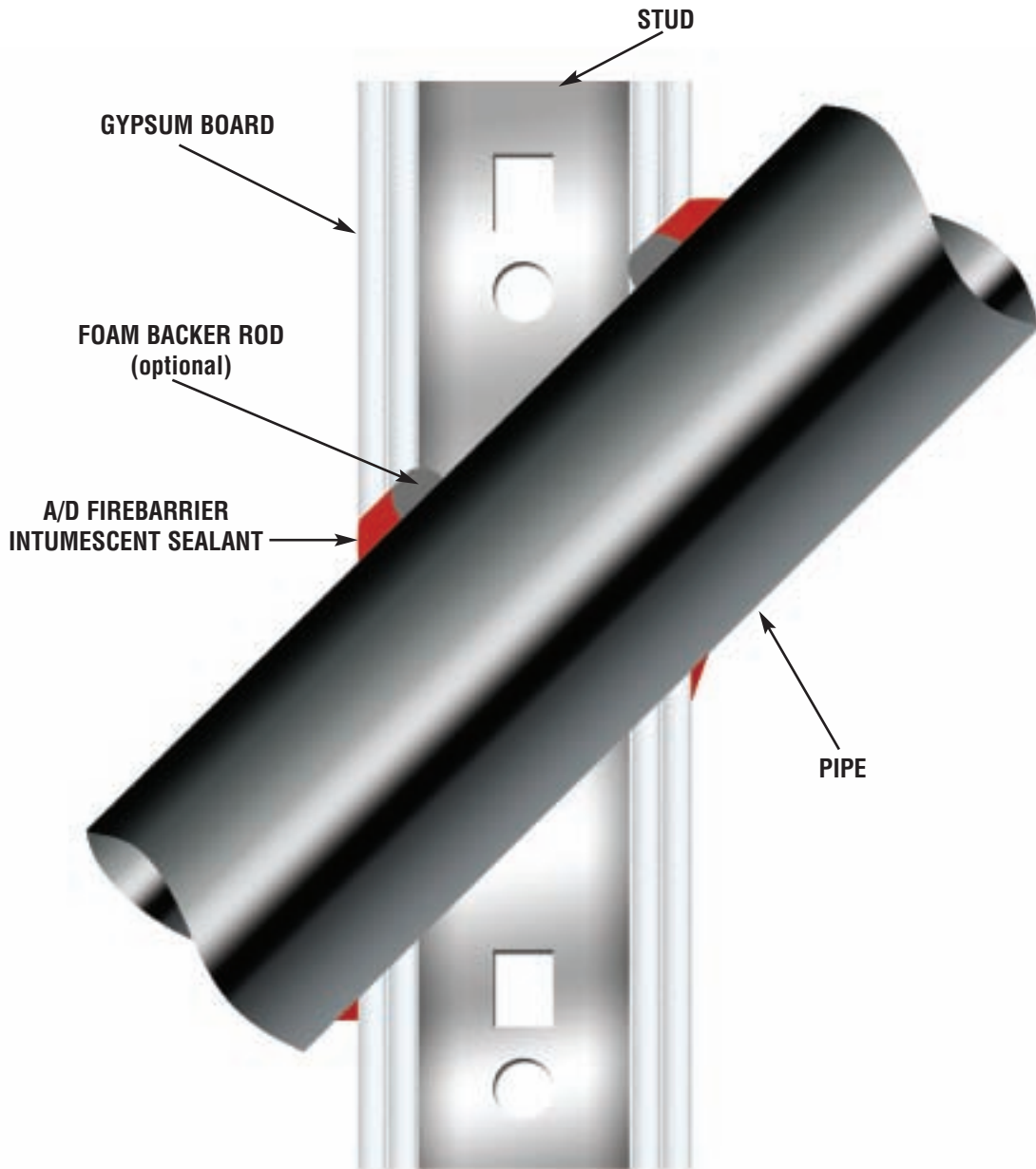


ILLUSTRATION OF UL SYSTEM W-L-1416



# FIRE PROTECTION SYSTEMS

**Head Office:**

420 Tapscott Rd., Scarborough, Ontario M1B 1Y4  
Tel: (800) 263-4087 or (416) 292-2361 Fax: (416) 298-5887  
[www.adfire.com](http://www.adfire.com)

**USA**

Tel: (800) 650-0881 Fax: (613) 841-7768

**Central & Western Canada**

Tel: (800) 263-4087 or (416) 292-2361 Fax: (416) 298-5887

**Eastern Canada & Capital Region**

Tel: (800) 914-6506 or (450) 661-0006 Fax: (450) 661-8776