

### 1. PRODUCT NAME

**DENVER FOAM®**

### 2. MANUFACTURER

**Backer Rod Mfg. Inc.**  
 4244 N Broadway  
 Denver, CO 80216  
 Phone: (800)-595-2950  
 (303)-308-0363  
 Fax: (303)-308-0393  
 Web: www.backerrod.com

### 3. PRODUCT DESCRIPTION

**Basic Use:** Denver Foam® is a backer rod serving as a backing for elastomeric and other applied caulking sealants. Denver Foam® controls the depth and amount of sealant required.

Denver Foam® also forms the correct hour glass shape of sealant.

**Specific Uses:** For use in expansion/construction joints in concrete and precast concrete walls, floors, partitions, bridge construction, parking decks, curtain walls, glazing, log home construction, highway construction, and pavement maintenance.

Both hot and cold installations can be installed with Denver Foam® backer rod.

Open cell Denver Foam® has an advantage allowing air to reach both sides of sealant offering a faster and more uniform cure. This is especially true for one part non-sag sealants. However, do not use in floor joints with self leveling sealants or in traffic areas where additional support is required.

**Limitations:** Whatever restriction the sealant manufacturer places on their product, the same will apply to Denver Foam®.

**Composition and Materials:** Denver Foam® is continuous lengths of flexible, round, fabricated open cell polyurethane. Yellow in color and available in a wide range of diameters.

**Packaging:** Both mini bags and master bags are compressed into super bundles for economical shipping and storage. Each individual size is color coded for identification.

### 4. TECHNICAL DATA

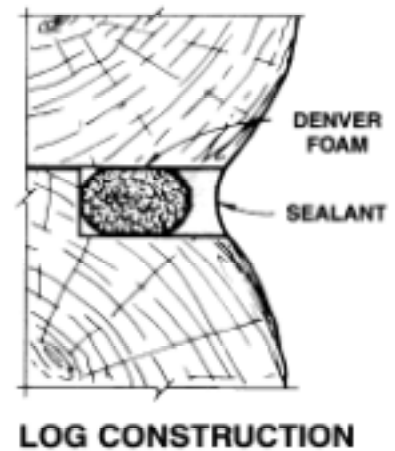
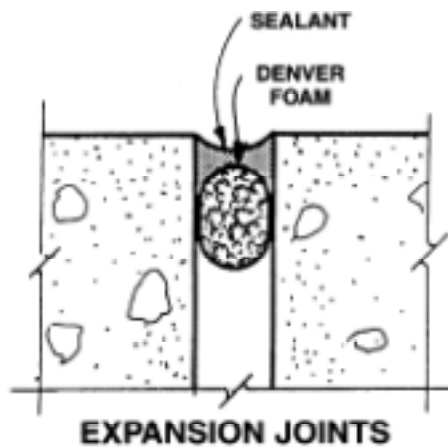
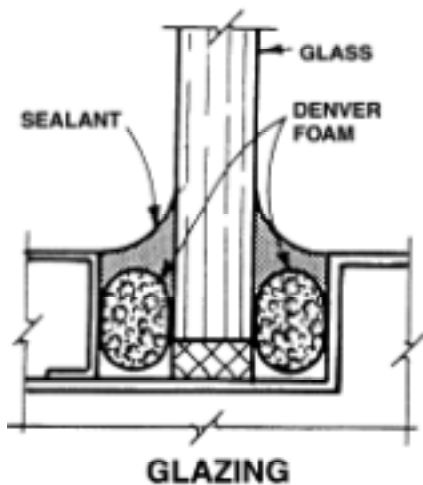
Denver Foam® is chemically inert and will resist oil, gasoline and most solvents. Material is odorless and will not stain. The open cell construction eliminates the out-gassing and cold flow problem associated with closed cell polyethylene backer rods. Plus sealant has benefits of a two-sided cure.

### Physical Properties:

- Density: 1.7 pcf. ASTM D-1622
- Tensile: 25 psi. ASTM D-1623
- Moisture Absorption: .024% by volume. ASTM C-509
- Out Gassing: None
- Temperature Service Range: -60° F to +500° F. ASTM D-5249-95
- Auto Ignition: 700-800° F
- Elongation: 90% ASTM D-3574
- Air Flow: 90%. ASTM D-3574
- Compression Set: less than 5% (after 80% compression for 30 days). ASTM D-3574

### 5. Installation

Denver Foam® should be installed in expansion/construction joints free from all contaminants, loose materials, and dry and free from frost. Install under 25% compression to offer a good tooling base. Systems can be installed without the fear of out-gassing associated with polyethylene.



## **6. AVAILABILITY AND COST**

Denver Foam® is marketed nationally and internationally by our distributors. For name, address, and telephone number of your nearest distributor please contact us at:

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Denver Foam® is available in other sizes, shapes, and colors. Please contact Backer Rod Mfg. Inc. for availability on custom made items.

## **7. WARRANTY**

Unless otherwise agreed to in writing, product is sold without warranty. In no case will Backer Rod Mfg. Inc. be liable for incidental or consequential damages on any project.

## **8. MAINTENANCE**

No maintenance is needed.

## **9. TECHNICAL SERVICES**

Contact Backer Rod Mfg. Inc. for technical guidance or special project engineering designs and drawings.

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<b>DENVER FOAM® PACKAGING INFORMATION</b>				
Color Code	Diameter	Ft/per Mini Bag	Ft/per Master Bag	Ft/per Super Bundle
Clear	3/8"(10mm)	200'(61m)	3,600'(1097m)	36,000'(10972m)
Red	5/8"(16mm)	100'(30m)	2,000(608m)	20,000'(6090m)
Orange	7/8"(22mm)	100'(30m)	1,050'(319m)	10,500'(3,192m)
Green	1_ "(29mm)	75'(23m)	600'(182m)	6,000'(1,824m)
Yellow	1_ "(38mm)	40'(12m)	350'(106m)	3,500'(1,064m)
Blue	2"(51mm)	25'(7.6m)	200'(61m)	2,000'(608m)