

## BACKER ROD

PRODUCT NO. 6917

### PRODUCT DESCRIPTION

QUIKRETE® Backer Rod is an ideal non-absorbent compressible backup material.

### PRODUCT USE

QUIKRETE® Backer Rod can be used as a temporary seal, or inserted into a joint to

- control sealant depth
- to create a backstop
- Allow proper sealant tooling
- Allow proper sealant wetting of the joint surfaces

QUIKRETE® Backer Rod may be used for:

- Expansion joints
- Curtain wall joints
- Partitions
- Log construction
- Pavement joints
- Pre-cast units

### SIZES

- QUIKRETE® Backer Rod - 20 ft (6.1 m) lengths. Available in 1" (25 mm) and 3/4" (19 mm) diameters.

### TECHNICAL DATA

The typical physical properties of QUIKRETE® Backer Rod are listed in Table 1:

**TABLE 1 TYPICAL PHYSICAL PROPERTIES**

Density (ASTM D 1622)	2.0 lb/cu.ft. (32 kg/M <sup>3</sup> )
Tensile Strength (ASTM D 1623)	50 PSI (0.34 MPa)
Compression Deflection (ASTM D 1621)	5 PSI (3.4 kPa) @ 25%
Water Absorption (ASTM C 509)	0.02% by volume
Water Absorption (ASTM C 1016)	0.03 g / mL

## DIVISION 3

Maintenance of Concrete  
03 01 00

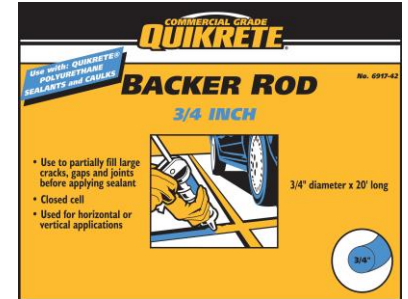
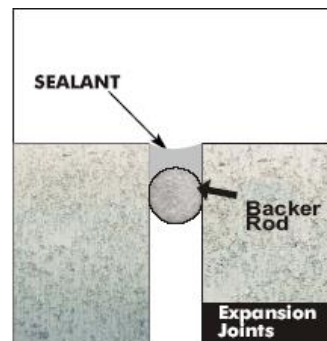


Figure 1: TYPICAL APPLICATION:



### INSTALLATION

#### SURFACE PREPARATION

Prepare all forms, inserts, and knockouts with a light application of form-release agent. Support forms in such a fashion that they may remain undisturbed for 18 or more hours after pouring. Be certain to clean any debris or dust from the mold surfaces prior to pouring.

Joint or opening must be clean, dry, and free of obstructions. Select backer rod diameter from Table 2. Cut backer rod to length and use a blunt instrument or roller to uniformly install backer rod so that the sealant depth will be about 1/2 of the joint width. DO NOT PUNCTURE, STRETCH OR OVERLY COMPRESS.

**Table 2: Size Selection**

Joint Width	Backer Rod Diameter
3/8" to 1/2" (9 to 12 mm)	3/4" (19 mm)
5/8" to 3/4" (15 to 19 mm)	1" (25 mm)

Fill the joint with an appropriate sealant and allow it to cure. QUIKRETE® Polyurethane Non-Sag Sealant (no. 8660-11) is recommended for vertical expansion joints but can also be used for horizontal expansion joints. QUIKRETE® Polyurethane Self-Leveling Sealant (no. 8660-10) is ideal for horizontal joints.

#### **COMPATIBILITY**

QUIKRETE® Backer Rod is ideal for use with QUIKRETE® Polyurethane Non-Sag Sealant (no. 8660-11) or QUIKRETE® Polyurethane Self-Leveling Sealant (no. 8660-10) but it is compatible with any butyl, polysulfide, acrylic, polyurethane, silicone, and most other cold applied sealant compositions. QUIKRETE® Backer Rod is an extruded round, closed cell, low density polyethylene foam material with a skin-like outer texture. It is highly flexible and

compressible for easy installation. QUIKRETE® Backer Rod is chemically inert and will resist oil, gasoline, and most other solvents. This material will not stain nor adhere to sealant materials and is non-exuding (see Table 1 for physical properties).

#### **WARRANTY**

NOTICE: Obtain the applicable LIMITED WARRANTY: at [www.quikrete.com/product-warranty](http://www.quikrete.com/product-warranty) or send a written request to The Quikrete Companies, LLC, Five Concourse Parkway, Atlanta, GA 30328, USA. Manufactured under the authority of The Quikrete Companies, LLC. © 2018 Quikrete International, Inc.

*\* Refer to [www.quikrete.com](http://www.quikrete.com) for the most current technical data, SDS, and guide specifications*