

# POLY PBAKING ROD

## Polyethylene Foam For Backing Cold Applied Sealant

### Product Description

HBR backer rod is a backing for electrometric and other cold-applied sealants.

HBR is round, flexible, continuous lengths of extruded, closed-cell polyethylene foam. Gray in colour, HBR is available in a variety of diameters. (See Table 1)

### Typical Applications

It is used in expansion or contraction joints:

- Control the depth of applied sealant.
- Act as a barrier interface to prevent three sided adhesion (bond breaker). Provide a form to assist the sealant in developing the hour glass shape.
- It is used in glazing and expansion joints applications for windows, curtain walls, expansion wall joints, partitions, doors, settling cracks, pavements, precast units and copings. (See Fig. 1)

### Product Feature

- HBR Backer Rod is chemically inert and resistant to oils & gasoline.
- It does not stain or adhere to sealant materials.
- Acts as a bond -breaker strip.
- HBR has a resilient closed - cell structure.

### limitations:

HBR should not be used with hot melt adhesives and sealants where their temperature is over 70<sup>0</sup> C (160 °F).

### Standards

CEGS - 07951-9 Back -Stop Material  
TT-S 00227E (COM - NBS ) 6.8.8

### Properties

#### **S.G.**

2.0 Lbs / ft<sup>3</sup> (ASTM 0-1622)

#### **Tensile Strength**

25 psi (ASTM 0-1623)

#### **Water Absorption**

0.5% by Volume (ASTM 0-509)

#### **Compression Deflection**

25% at 8 psi (ASTM 0-1621)

### Installation

(See Table III for HBR backer rod size per joint width.)

#### **Preparatory Work**

Joint should be clean, moisture free, and clear of any obstructions

#### **Method**

Either cut the desired length of HBR Backer Rod or dispense directly from reel. Position HBR in the joint at the depth specified by the sealant manufacturer or architect.

Using a blunt tool or roller, press the rod uniformly into the joint at the specified depth. Apply the sealant over the HBR rod according, to manufacturers directions.

### Precautions

Do not puncture, over compress or stretch HBR Backer Rod during insertion.

### Packaging:

All sizes are wound on reels, and packaged in boxes, except 1 1/2 inch and 2 inch diameters which are packaged in 7ft. straight length in cartons. See Table I for quantities.

TABLE I  
SIZING AND PACKAGING DATA

HBR Backer Rod Diameter, (mm.)	Meters per Pack
10 mm.	200
15 mm.	100
20 mm.	100
25 mm.	100
30 mm.	100
50 mm.	

### Guarantee / Warranty

We warrant our products to be of good quality and manufactured to rigid standards. This warranty is in lieu of any and all other warranties expressed or implied.

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