

# Backing Rods

Polyethylene Foam Joint Filler

## Product Description:

UBI Closed-Cell Backer-Rod is a closed-cell, polyethylene foam joint filler and backing for elastomeric sealants. Its resilience accommodates dynamic joints.

## Features

### Closed-CELL Backer-rod

- Closed-cell polyethylene foam
- Lightweight
- Resilient
- Nonimpregnated, nonstaining, and nonbleeding
- Inert
- Round
- Nonadhering to sealants

## Where to Use Application

- Backing for sealants
- Precast panel joints
- Expansion joints
- Window-and door-frame perimeters
- Coping joints
- Glazing joints
- Isolation joints
- Control joints
- Isolation joints
- Control joints



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## Benefits

- Low moisture absorption
- Installs easily and quickly
- Accepts joint movement
- Will not discolor sealants or substrates
- Compatible with cold-applied sealants
- Gives proper shape to sealant for effective function
- Requires no additional bondbreaker

## Compliances

- ASTM C 1330, Type C

## Sizes

- Ø 5 to 50mm

## How to apply

### Application

1. Joint filters have three major functions:

- To control the depth of the sealant in proper relation to joint width
- To provide a backing against which the sealant is applied, forcing the sealant to the sides of the joint
- To prevent 3-sided bonding, ensuring proper functioning of the joint sealant

2. To install, compress backer-rod into the joint before sealants are applied

3. Install backer-rod using a blunt probe or a plain-faced roller to force the rod to the desired depth.

4. A template or roller gauge may be used to control the depth at which the rod is placed.

4. DO NOT stretch backer-rod during installation but gently force into the joint so that the backer-rod fits tight against the sides of the joint.

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## Technical Data:

Properties	Properties Test Method
Colour	White/Grey
Density	35 Kg/cbm (approx.)
Service Temperature	-70°C to 90°C under normal usage
Weather Resistance	Will be degraded by prolonged exposure to U.V.
Heat Shrinkage	<1% (after 96 hours at 80°C)
Storage Requirements	Store flat, preferably under cover
Minimum Closed Cell	> 97%
Thermal Coefficient	0.035 Kcal/mh°C @ 20°C 0.04 W/M°C @ 20°C
Ageing Stability	No structural change after 10 thermal cycles (-70 to 90°C)
Water Vapour Transmission	<4g/sqm/24 hours/50mm
Water Absorption	< 1% V/V after 24 hours total immersion
Tear Strength	10 N/sq cm (average based on 10mm)
Flammability	Will burn, but very low toxic fume and smoke emission Carbon Dioxide and water vapour approx. 99% of
Toxicity	Non-toxic under normal conditions of use.

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