

BC Backing Rods

Description:-

BCI 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
- Non impregnated, non staining, and non bleeding
- Inert
- Round
- Non adhering to sealants

Compliances:

ASTM C1330, Type C.

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 seal and for effective function
- Requires no additional bond breaker

Where to Use:

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

Appropriate Backer-Rod Size:

Sizing Closed-Cell Backer-Rod

1. For joint widths up to 19mm($\frac{3}{4}$ "), the diameter of the rod should be 3mm($\frac{1}{8}$ ") larger than the width of the joint.
2. For 19mm($\frac{3}{4}$ ")wide joints, use 25mm(1") diameter rod.



Technical Data

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Properties	Test Method
Color	White/Grey
Density	35Kg/cm ³ 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 180°C)
Storage Requirements	Store flat, preferably under cover
Minimum Closed Cell	>97%
Thermal Coefficient	0.035Kcal/mh° C@20 °C/0.04 W/M ° C@20 °C
Ageing Stability	No structural change after 10 thermal cycles(-70 to90°C)
Water Vapour Transmission	<4g/sqm/24hours/50mm
Water Absorption	<1%V/V after 24 hours total immersion
Tear Strength	10 N/Sqcm (Average basedon10mm)
Flammability	Will burn with very low toxic fumes and smoke emission (Carbon Dioxide and water vapour approx. 99% of combustion products).
Toxicity	Non-toxic under normal conditions of use.

Important Note:

The information contained herein is to the best of our knowledge true and accurate and is given in good faith, based on practical experience and applied testing Site or application – specific conditions may vary from those described here and thus the correct and successful use of the product is beyond our sphere of influence. If in doubt, the user should therefore first carry out sufficient tests to ensure the product is suitable. Legal liability cannot be accepted, either solely based on the content of this information sheet or any verbal advice given. All BCI Data sheets are updated on regular basis. It is the user's responsibility to obtain the latest version.

