

Fabricator

TECHNICAL DATA SHEET

BACKING ROD

30/08/2023

DESCRIPTION

A round, flexible, closed-cell polyethylene foam with an exterior skin used as a backing and thickness control device for elastomeric and other cold-applied sealants. Backing Rod becomes an integral part of the joint into which it is installed.

FEATURES AND BENEFITS

- Easy to install
- Will not adhere to sealants, no additional bond breaker needed
- Compatible with most cold-applied sealants.
- Weather resistant
- Longer lengths are available on easy to use reels (multiple reels included per box)
- 100% New Zealand made
- 100% Recyclable

PRODUCT INFORMATION

Code	Diameter x Length	Pack
BR06-BOX	6mm x 200m	12 Reels
BR08-BOX	8mm x 150m	12 Reels
BR10-BOX	10mm x 200m	6 Reels
BR13-BOX	13mm x 125m	6 Reels
BR15-BOX	15mm x 100m	6 Reels
BR20-BOX	20mm x 100m	3 Reels
BR25-BOX	25mm x 80m	3 Reels
BR30-BOX	30mm x 50m	3 Reels
TR18	6mm x 50m	1 Length
TR18A	8mm x 50m	1 Length
TR19	10mm x 50m	1 Length
TR20	13mm x 50m	1 Length
TR21	15mm x 50m	1 Length
TR22	25mm x 50m	1 Length
TR23A	30mm x 50m	1 Length
TR23B	50mm x 2m	1 Length

TYPICAL PROPERTIES

Base Material	Low Density Polyethylene
Cell Structure	Non-Crosslinked, Closed Cell Expanded PE Foam
Colour	Grey
Service Temperature	-30deg C to + 80deg C
Density	35 - 45 g/cm ³
Barrier Properties	Water Vapour Barrier (ASTM E96/B)
Chemical Resistance	Excellent, resists common acids and alkalis. Susceptable to softening if exposed to organic solvents,

APPLICATION

Used as a backing and thickness control device for elastomeric and other cold-applied sealants. Backing rod should be sized ~25% larger than the joint opening, to provide sufficient backpressure during sealant installation. Backing rod should be installed allowing sealant to be tooled to a proper joint width-to-depth ratio. Closed-cell polyethylene backing rod may outgas if punctured during installation, requiring it to be left for 20 minutes before application of the sealant.

STORAGE AND SHELF LIFE

Expanded PE foams are not designed for applications with permanent exposure to UV.

Keep out of direct sunlight. Store in a cool dry place.

Typical shelf life uninstalled of 5 years.

DISPOSAL

Product is #4 LDPE and 100% recyclable. More information can be found at recycling.kiwi.nz

DISCLAIMER

This datasheet is for the general help of users. It is provided in good faith. The data is current and accurate to the best of our knowledge. Differing materials, substrates, environments, site conditions, and product storage, handling and application may affect results. Users should carry out tests to decide the product's suitability for purpose before use. This data sheet and the properties of the product may change without notice. Users, suppliers and retailers should check that the data sheets they have are the latest. To the maximum extent permitted by law, Glasscorp disclaims all warranties in relation to manufacture and use of the product. Glasscorp is not liable for representations made by users, suppliers or retailers about the product. Glasscorp is not liable for any loss or damage resulting from incorrect, careless, or negligent use or storage of the product, including use of the product contrary to the manufacturer's recommendations or out of date product. Any liability arising from use of the product is limited to the replacement or purchase price of the product. Glasscorp does not exclude rights and remedies that may not be excluded by law. If the product is supplied to a purchaser in trade or business relating to the product then by purchasing the product the parties agree that the provisions of the Consumer Guarantees Act do not apply to that supply. Sale of the product by Glasscorp is subject to the Glasscorp Limited Conditions and Terms of Sale. For more information on Glasscorp products, and conditions of use and sale visit www.glasscorp.co.nz

TECHNICAL ADVICE

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