

Technical Data Sheet

Product Name

M-D Building Products Backer Rod

Product Description

M-D Building Product Backer Rod is an extruded, round, closed cell, low density polyethylene with a skin-like outer texture. It is flexible and compressible for easy installation. M-D Building Products Backer Rod is chemically inert and will resist oil based paint and coatings, oil, gasoline and most other solvents.

Prominent Features

ASTM C1330 TYPE C

Closed cell

Low density

Solvent resistant

Basic Uses

Commonly used as a backup material in high stress joints around windows and doors, expansion joints in concrete and masonry, curtain wall joints, pavement joints, log construction and other similar applications. Especially useful to fill caulk or sealant joints that are in excess of ½" in depth.

Technical Data

<u>Property</u>	<u>Value</u>	<u>Test Method</u>
Density (nominal)	2.0 lbs/cu. Ft.	ASTM-D-1622
Tensile Strength	50 PSI	ASTM-D-1623
Compression Deflection	5 PSI @ 25%	ASTM-D-1621
Water absorption 1	0.03 gm/cc.	ASTM-C-1016
Water absorption 2	0.02% by volume	ASTM-C-509
Temperature Range	-90°F to 210°F	

Water Absorption 1

Determination of water absorption by sealant (joint filler) material.

Water Absorption 2

Standard specifications for cellular elastomeric preformed gasket and sealing material. (Historic standard no longer applicable to Backer Rod.)

Typical product data values should not be used as specifications. Assistance is available by contacting Tower Sealants at 866-897-7568.

Compatibility

M-D Building Products Backer Rod is compatible with acrylic latex, polyurethane, silicone, butyl, polysulfide and most other cold applied sealants.

Surface Preparation

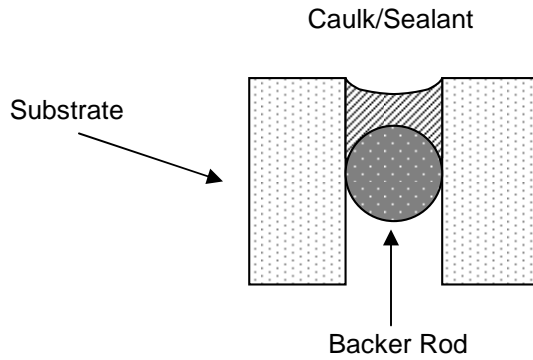
- Joint or opening must be clean, dry and free of obstructions.

Method of Application

- With a blunt instrument or roller, install backer rod to a uniform depth.
- Generally the depth of the joint after the backer rod is installed is one half of the joint width.
- Joint depth to width ratio can vary on extremely small or large joints.
- Do not puncture, stretch or overly compress backer rod material.

Product Technical Data Sheet

Typical Caulk Joint Configuration



Warnings and Limitations

Do not expose to open flame.

Not for use with hot melt, adhesives or sealants with application temperatures over 200°F (90°C).

Not intended for constant water immersion or marine applications.

Limited Warranty

Manufacturer warrants that this product when properly stored and applied, will perform as intended. If product does not, return proof of purchase to Manufacturer for replacement of product. Manufacturer shall not be held liable for damages in excess of the purchase price of the product. This is the sole and exclusive remedy and liability for defects or failure of this product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, WRITTEN OR ORAL, STATUTORY, EXPRESSED OR IMPLIED; INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS.