

TECHNICAL DATA SHEET

1. Product Name: **TITAN FOAM™**
2. Exclusively Sold By: **Backer Rod Mfg. Inc.**
4244 N Broadway
Denver, CO 80216
Phone: 800-595-2950
Fax: 303-308-0393
Website: www.backerrod.com

Product Description:

Per ASTM C 1330 type B, **TITAN FOAM™** is a soft, grey, non-gassing, non-staining, pliable backer rod, with an impervious outer skin, used as a backing for elastomeric and other cold applied sealants. **TITAN FOAM™** controls the depth of the applied sealants and ensures cross-sectional hour-glass configuration.

Specific Uses: **TITAN FOAM™** is suited for specialty applications such as irregular and varying joint widths where standard closed cell backer rods are not appropriate. Common applications include but are not limited to: concrete expansion and contraction joints, curtain walls, parking decks, bridge and highway construction, pavement maintenance, window glazing and log home chinking.

3. Composition and Material:

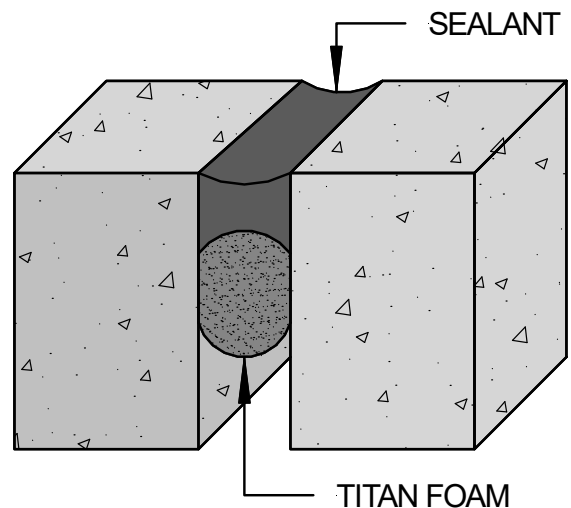
TITAN FOAM™ is an extruded polyethylene bicellular foam product which when punctured per ASTM C 1253 does not exhibit any out-gassing. **TITAN FOAM™** has an impervious outer skin that resists moisture. It is easily compressible, flexible and pliable for easy installation. It is furnished in a wide variety of sizes listed in section 8 under packaging information.

4. Installation:

Prior to installing **TITAN FOAM™**, all joints must be free from all contaminants such as curing compounds and form-release agents, as well as loose and foreign materials. Install **TITAN FOAM™** under 25% minimum, 50% maximum compression to the depth recommended by the sealant manufacturer. Before applying sealant, all joints must be clean and dry.

5. Compatibility:

TITAN FOAM™ is an inert material and therefore is compatible with virtually all known cold applied sealants including silicones, polyurethanes, acrylics, polysulfide, and butyl.



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7. Physical Properties:

Physical Properties		
Property	Value	ASTM Test Method
Density (Nominal)	1.8 - 2.5 lb/ft ³	D 1622
Out-gassing	NONE	C 1253
Compression Recovery	95% min	D 5249
Tensile Strength PSI	39 - 50 psi	D 1623
Temperature Range	-90° F to 210°F	D 5249 Type 1
Water Absorption	< 0.03 g/cc	C 1016 - Proc. B



8. Packaging Information

Packaging Information						
Linear Feet Per Unit/ (metric)				Weight & Measurements		
Diameter	Mini Box	Standard Box	Super Box	Mini Carton		
3/8" (10mm)	1800 (548m)	3600 (1097m)		Mini Carton	18-1/4" x 18-1/4" x 15"	7 lbs ea.
5/8" (16mm)	775 (236m)	1550 (472m)		Standard Carton	18-1/4" x 18-1/4" x 30-1/2"	13 lbs ea.
7/8" (22mm)		850 (257m)		Super Carton	13-1/2" x 13-1/4" x 74-1/4"	15 lbs ea.
1-1/8" (25mm)		550 (168m)		Mini Carton		
1-1/2" (38mm)			420 (128m)	• 1 spool per carton		
2" (51mm)			252 (77m)	Standard Carton		
2-1/2" (63mm)			162 (49m)	• 3/8" through 7/8"	2 spools per carton	
3" (76mm)			102 (31m)	• 1-1/8"	1 spool per carton	
4" (102mm)			54 (16m)	Super Carton		
				• 1-1/2" through 4" manufactured in 6' lengths		

9. Limitations

Do not use with hot applied sealants.

10. Availability and Cost

TITAN FOAM™ is marketed nationally and internationally by select authorized distributors. For name, address and telephone number of your nearest distributor please contact us at: 800-595-2950 or sales@backerrod.com

11. Warranty

Unless otherwise agreed to in writing, **TITAN FOAM™** is sold without warranty, express or implied. Buyer must make their own determination as to the suitability of the product and application. Sizes and lengths of products shown are at time of packaging and will vary with climate conditions after manufacture.

12. Technical Services

Please contact Backer Rod Mfg. Inc. for technical guidance, special project engineering designs and drawings.



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