

DELTA Seal Backer Rod



T E C H N I C A L D A T A S H E E T

Light & durable close cell polyethylene backer rod for joint sealant

Description

DELTASeal Backer Rod is a closed cell polyethylene foam supplied in circular cord length.

DELTASeal backer rod is used at the base of joint opening to provide the proper shape factor in a sealant. It is also, water repellent, high weather proof and chemical resistance.

DELTASeal Backer Rod Application is the diameter of the backer rod is recommended to be approximately 20 to 25% larger than the width of the joint. It should be positioned so that the required minimum sealant depth can be obtained. The circular section of the backer rod provides a convex face giving a minimum strain shape for elastomeric sealants while reducing the stress at the bond interface.

Uses

- Expansion joints.
- Horizontal paving or traffic bearing joints.
- Joints between exterior facing panels.
- Isolation joints.
- Control joints in masonry walls.
- Pipes, ducts and vent openings.
- Precast roofs.

Advantages include

- Economical and easy to install.
- Excellent shock absorbing and heat insulating properties.
- Chemical resistant.
- Provides proper shape factor.
- Provides support for sealants in horizontal joints.
- Acts as a water barrier.

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Product information

Physical properties	Data
Appearance	Light and durable backing rod
Backer rod type as ASTM D 5249	Type 3
Density: ASTM D 1622	19-20 kg/m3
Heat resistance: ASTM 5249	
Tensile Strength: ASTM D 1623	
Compression deflection and recovery: ASTM D 5249	
Shore A Hardness: (ASTM D2240)	25
Shrinkage: ASTM D 5249	
Water absorption: ASTM C 1016	0 %
Temperature Range:	-20 / +85°C

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PACKAGING

Size	Pack Size
Diameter 6 mm.	100 metres / box.
Diameter 8 mm.	100 metres / box.
Diameter 10 mm.	100 metres / box.
Diameter 13 mm.	100 metres / box.
Diameter 15 mm.	100 metres / box.
Diameter 20 mm.	100 metres / box.
Diameter 25 mm.	50 metres / box.
Diameter 30 mm.	50 metres / box.
Diameter 50 mm.	2 metres / box.

STORAGE & SHELF LIFE

- Store in clean area & dry conditions.
- DO NOT PUNCTURE.
- Shelf Life is indefinite. In hot climate it is preferable not to leave exposed for long periods.

HEALTH & SAFETY

- There are no health hazards associated with Deltaseal Backer Rod in normal use.

TECHNICAL SERVICE

- The Deltaseal International Technical Service Department is available to assist you in the correct use of our products and its resources are at your disposal entirely without obligation

QUALITY ASSURANCE

- ISO 9001 : 2015

All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the user's responsibility to satisfy himself, by his own investigations and testing, the suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. Due to the large number of variables that can affect the product and the application process that are out of the control of DELTA Coatings International LLC no warranty of any kind, express or implied is given. The liability of DELTA Coatings International LLC for any claims is limited to the purchase value of the material.

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