

Backing Rod Closed Cell (10mm - 50mm)



PRODUCT DESCRIPTION

Danterr's Backing Rod is a closed cell polyethylene foam joint filler designed for use as a backing material in cold-applied joint sealant applications. Its smooth, fine-cell structure provides excellent compression recovery, minimal water absorption, and strong dimensional stability. By preventing three-sided adhesion, this foam backing rod ensures optimum sealant geometry and long-lasting performance.



FEATURES & BENEFITS

- Made from closed cell polyethylene foam – durable, lightweight, and versatile
- Excellent rebound recovery – maintains sealant geometry under joint movement
- Non-adhering to sealants – functions as a bond breaker for correct sealant performance
- Low water absorption (<2%) – resists moisture penetration
- Resistant to most chemicals and hydrocarbons – safe for diverse construction applications
- Does not stain or discolour adjacent surfaces
- Reduces sealant consumption – economical and efficient
- Australian made – manufactured to local quality standards

APPLICATIONS

- Expansion and construction joints in concrete and masonry
- Vertical and horizontal sealant joints
- Glass and façade applications
- Draft proofing and acoustic sealing of internal/external wall joints

PACKAGING & AVAILABILITY

Code	Product Name
113091	Backing Rod Closed Cell 10mm x 200m White
112734	Backing Rod Closed Cell 13mm x 100m White
113696	Backing Rod Closed Cell 15mm x 100m White
102155	Backing Rod Closed Cell 20mm x 60m White
106239	Backing Rod Closed Cell 25mm x 50m White
101502	Backing Rod Closed Cell 30mm x 50m White
110166	Backing Rod Closed Cell 40mm x 2m White
108054	Backing Rod Closed Cell 50mm x 2m White

INSTALLATION INSTRUCTION

- Select a rod diameter approximately 20–30% larger than the joint width for a secure fit.
- Insert the rod into the joint using a blunt tool, avoiding puncture or over-compression.
- Maintain correct depth-to-width ratio for sealant performance (typically 2:1).
- Apply joint sealant directly over the backing rod, ensuring full coverage.

TECHNICAL SPECIFICATIONS

PHYSICAL PROPERTIES

Property	Typical Value
Material	Low-density polyethylene closed cell foam
Density	~35 kg/m ³ (nominal)
Compression Recovery	Excellent – 95%
Compression Deflection	>20.5 kPa
Compression Resistance	<335 kPa
Flexibility	Excellent
Water Absorption	<2% by volume (28 days submersion)
Service Temperature	-40 °C to +90 °C
Chemical Resistance	Resistant to most chemicals & hydrocarbons
Colour	White

STORAGE AND HANDLING

- Store in a cool, dry, well-ventilated place away from open flames and ignition sources.
- Keep in original packaging until use.
- Gloves are recommended when cutting.