

Backing Rod Square Closed Cell

PRODUCT DESCRIPTION

Danterr's Square Backing Rod Closed Cell is manufactured from high-quality polyethylene foam with a fine, cross-linked structure that ensures superior performance in demanding construction environments. This square foam backing rod resists water, chemicals, solvents, and grease, while remaining impervious to mildew, mould, rot, and bacteria — making it exceptionally durable on site. Designed to provide reliable joint isolation, vibration absorption, and gasketing, this square backer rod is lightweight, easy to handle, and delivers long-lasting results. For projects requiring strength and resilience, Danterr's backing square adhesive closed cell is the trusted choice for consistent joint performance and sealant efficiency.



FEATURES & BENEFITS

- Resistant to water, solvents, chemicals, and grease
- Excellent vibration absorption and cushioning
- Impervious to mildew, mould, rot, and bacteria
- Lightweight, odourless, and non-abrasive
- Thermal insulation and UV resistance
- Durable, CFC-free, and non-conductive

APPLICATIONS

- Masonry raw material protection
- Void fillers
- Floor underlay
- Surface protection

PACKAGING & AVAILABILITY

SKU	Product Description
106387	Backing Square Adhesive Closed Cell 20mm x 20mm x 2400mm
106388	Backing Square Adhesive Closed Cell 30mm x 30mm x 2400mm
111128	Backing Square Adhesive Closed Cell 25mm x 25mm x 2400mm
112764	Backing Square Adhesive Closed Cell 50mm x 50mm x 2400mm
121973	Backing Square Adhesive Closed Cell 40mm x 40mm x 2400mm
134088	Backing Square Adhesive Closed Cell 60mm x 60mm x 2400mm
134089	Backing Square Adhesive Closed Cell 70mm x 70mm x 2400mm
134090	Backing Square Adhesive Closed Cell 80mm x 80mm x 2400mm
134091	Backing Square Adhesive Closed Cell 90mm x 90mm x 2400mm
134092	Backing Square Adhesive Closed Cell 100mm x 100mm x 2400mm

INSTALLATION INSTRUCTION

- Select correct size – Choose a square rod 25–30% larger than joint width for snug compression fit.
- Prepare surface – Ensure joint surfaces are clean, dry, and free of oils or debris.
- Cut to length – Use a sharp knife; mitre at corners for tight joints.
- Insert into joint – Compress gently with a blunt tool, ensuring even depth without puncturing foam.
- Sealant use – Apply sealant over the backing rod; tool to required geometry. Do not puncture closed cell structure.
- Check continuity – Ensure rod is evenly seated, with no gaps or overlaps.

TECHNICAL SPECIFICATIONS

PHYSICAL PROPERTIES

Property	Typical Value
Hardness	Shore C: 20–25 / Shore 00: 40–50
Elongation Ratio	160–200%
Tensile Strength	300–350 kPa
Tear Strength	2.50 kN/m
Compression Strength @ 10%	54 kPa
Compression Strength @ 25%	60 kPa
Compression Strength @ 50%	120 kPa
Compression Set	8% (<5%)
Density	30 ± 5 kg/m ³
Thermal Conductivity	0.035 W/m·°C
VOC Emission Rate	0.06 mg/m ² /hr
Water Absorption	0.002 g/cm ³
Linear Shrinkage	±5%
Operating Temperature	-30 °C to +80 °C max
Flammability Burn Rate	30 mm/min (CNS1048A2165)
Combustion Characteristics	PASS (FMVSS-302)
Sizes Available	3 mm–100 mm thickness × 2400 mm × 1200 mm
Standard Colours	Black, White

STORAGE AND HANDLING

- Non-toxic, odourless, and safe to handle
- Store in cool, dry conditions away from sunlight
- Shelf life: 24 months at 21°C / 50% RH