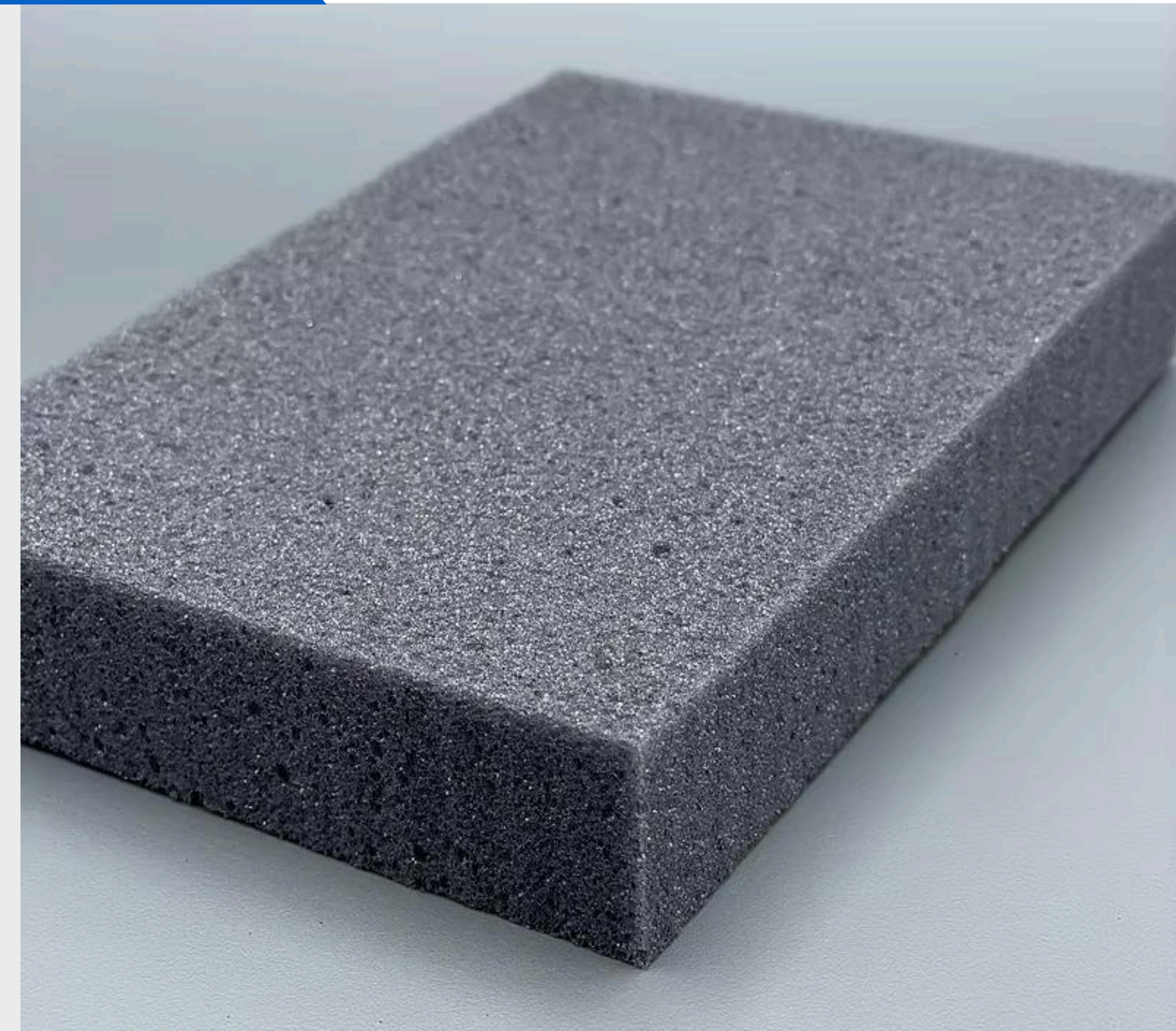


# Backing Rod Square Open Cell



## PRODUCT DESCRIPTION

Danterr's Backing Rod Square Open Cell is a latex-free, flexible polyurethane foam designed for industrial gasketing, cushioning, and acoustic absorption applications. With strong resistance to oil and petrol, it provides durable performance while remaining safe for allergy-sensitive environments. Its adaptability allows it to be die-cut into complex shapes, with or without adhesive, making it ideal for a wide range of general-purpose uses.



## FEATURES & BENEFITS

- Latex-free and allergy safe
- High tensile and tear strength
- Resistant to oil and petrol
- Excellent acoustic absorption
- Easy to fabricate and available with adhesive backing

## APPLICATIONS

- Suitable for thermal insulation
- Used in roofs and wall insulation
- Expansion Joint Filler
- Backing Material
- Sound Attenuation & Acoustic Insulation

## PACKAGING & AVAILABILITY

SKU	Product Description
122045	Backing Square Adhesive Open Cell 50mm x 50mm x 2000mm

## INSTALLATION INSTRUCTION

- Select size: Choose a backing rod slightly larger than the joint, recess, or application space to ensure a snug fit.
- Prepare surfaces: Ensure surfaces are clean, dry, and free from dust, oils, or contaminants.
- Cut to length: Use a sharp knife or blade; mitre corners where required.
- Fit into place: Lightly compress and seat evenly using a blunt tool, avoiding punctures.
- Adhesive-backed option: Peel liner gradually and press firmly into place; roll with a smooth roller for consistent adhesion.
- Final check: Ensure continuous, even support without stretching, gaps, or overlaps.

## TECHNICAL SPECIFICATIONS

### PHYSICAL PROPERTIES

Property	Typical Value
Density	29–30 kg/m <sup>3</sup>
Tear Resistance	≥400 N/m
Tensile Strength	≥180 kPa
Elongation	≥110%
Indentation Force on Deflection (40%)	350–450 N
Indent Factor (65%/25%)	≥1.85
Compression Set @ 75%	≤10%
Resilience	30 ± 3%
Colour	Charcoal / Dark Grey
Format	Die-cut parts, tapes, sheets, rolls
Adhesive Backing	Optional
Sound Absorption Coefficient (25 mm sheet)	125 Hz: 0.09 / 250 Hz: 0.13 / 500 Hz: 0.26 / 1000 Hz: 0.50 / 2000 Hz: 0.81 / 4000 Hz: 0.92

### STORAGE AND HANDLING

- Non-toxic and safe for handling
- Shelf life: 12 months when stored in cool, dry conditions