



## DATA SHEET

# BACKING ROD

## Polyethylene Foam Rod

Polyethylene Foam Rod for Expansion Joints  
and Space Fillers.

- Excellent dimensional stability allows it to withstand years of compression and expansion
- Low moisture absorption (Less than 1%)
- High resistance to weathering, ageing, ultra violet light and most chemicals

## Typical Physical Properties

Colour:	Black or White	
Density	37 kgm <sup>3</sup>	
Water Absorption	Less than 1	
Thermal Conductivity (kcal/m.h.grd)	@0oC	0.030
	@20oC	0.031
Heat Shrinkage	After 24hrs @70oC	Less than 1%
	After 24hrs @ 90oC	Approx 1%

### WATER RESISTANCE: (SUBJECT TO 400 HOURS OF UV IRRADIATION IN WEATHEROMETER)

EXPOSURE (HOURS)	TENSILE STRENGTH (KG/CM <sup>2</sup> )	ELONGATION (%)
0	3.0	26.3
24	3.3	35.0
72	3.7	46.9
168	3.6	39.8
400	2.7	20.0

### APPLICATION GUIDE

Foam Sealant Pty Ltd recommends pre-testing all sealants under individual application conditions and materials used prior to commercial use.

### TYPICAL APPLICATIONS

Vertical and horizontal joint filler in concrete and between pre-cast concrete panels, interior walls, sealing skylights, draught proofing, dust sealing and truck and trailer construction.

**Disclaimer.** All figures shown above represent typical test results in laboratory conditions, and are given without guarantee since the conditions of use are beyond the control of our company. It is the customer's responsibility to satisfy themselves that the product is fit for the purpose for which they intend to use it and that the actual conditions of use are suitable.

**Limited Warranty.** For a period of six months from the date of first sale, FOAM Sealant Pty Ltd warrants this product to be free from defects in materials and workmanship. Our only obligation will be to replace any portion proving to be defective, or at our option, to refund the purchase price thereof. The user assumes all other risk if any, including the risk of injury, loss or damage, direct or consequential arising out the use, misuse or inability to use this product. This warranty is in lieu of the warranties of merchantability, fitness for particular purpose and all other warranties expressed or implied. No deviation is authorised.

### FOAM Sealant Pty Ltd

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