

# CLOSED CELL BACKER ROD *Biycell*

**DESCRIPTION:**

Biycell Closed Cell Backer Rod is composed of closed-cell, low-density white polyethylene foam, offering exceptional resistance to weathering and most chemicals. This flexible material features excellent compression and recovery properties while exhibiting minimal water absorption due to its closed-cell structure. Available in various diameters and roll lengths, Biycell Closed Cell Backer Rod is designed to facilitate proper sealant profiling, ensuring optimal joint movement and performance.

**RANGE OF SIZES:**

RANGE OF SIZES	Code	RANGE OF SIZES	Code
6mm x 50 metre	3204V	15mm x 100 metre	3204I
6mm x 250 metre	3204F	20mm x 50 metre	3204A
10mm x 50 metre	3204T	25mm x 50 metre	3204K
10mm x 250 metre	3204R	30mm x 50 metre	3204L
13mm x 50 metre	3204S	40mm x 2 metre	3204D
13mm x 100 metre	3204H	50mm x 2 metre	3204E
15mm x 50 metre	3204U	70mm x 2 metre	3204X

**USES:**

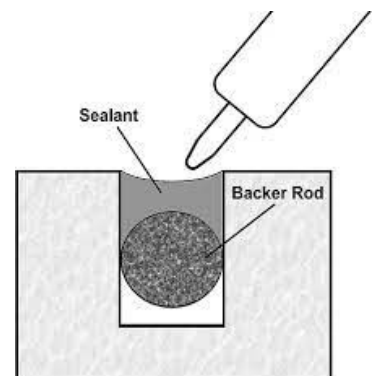
A backing rod for expansion joint applications, placed prior to the application of compatible sealants. Suitable for horizontal and vertical joints. Will not discolour and will not adhere to the sealant.



**TECHNICAL DATA:**

DESCRIPTION	VALUE	UNIT	METHOD
Density	0.032	g/cm <sup>3</sup>	ASTM D3575
Tensile Strength (Long)	3.2 4.5	Kg/cm <sup>2</sup> psi	ASTM D3575
Elongation (Long)	50	%	ASTM D3575
Working Temp Range	-40 - +90	°C	
Thermal conductivity	0.040	W/m.k	ASTM C177
Water Absorption	< 0.5	Vol. %	ASTM D57072
Compression Strength @ 25% compression	0.56 8.0	Kg/cm <sup>2</sup> psi	ASTM D3575
Compression Set	5.0	%	ASTM D3575
Tear Resistance (Long)	2.7	Kg/cm	ASTM D624-73

**TYPICAL APPLICATION:**



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