

CLOSED CELL BACKER ROD *Biycell*

DESCRIPTION:

Biycell Closed Cell Backer Rod is manufactured from closed cell, low density white polyethylene foam, which is resistant to weathering and most chemicals. This flexible product has excellent compression and recovery properties and has minimal water absorption due to the closed cell structure. Biycell Closed Cell Backer Rod is available in a range of diameters and roll lengths. The round foam shape enables the applied sealant to form the correct profile for optimum movement.

RANGE OF SIZES:

Size	Code	Size	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:

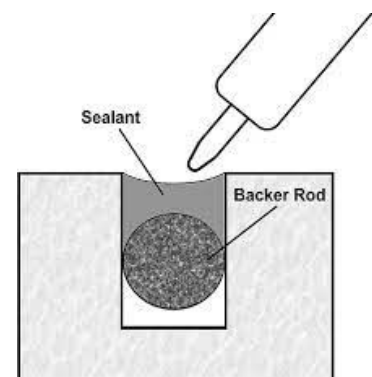
A backing rod for expansion joint applications, placed prior to the application of compatible sealants. Suitable for horizontal and vertical joints. Will not discolour and will not adhere to the sealant.



TECHNICAL DATA:

DESCRIPTION	VALUE	UNIT	METHOD
Density	0.032	g/cm ³	ASTM D3575
Tensile Strength (Long)	3.2 4.5	Kg/cm ² psi	ASTM D3575
Elongation (Long)	50	%	ASTM D3575
Working Temp Range	-40 -	°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 ² 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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