



VESPOL PTY LTD
ABN 12 003 699 974
www.vespol.com.au

26 Garner Place phone +612 8795 5100
Ingleburn 2565 fax +612 9618 3155
NSW Australia e-mail sales@vespol.com.au
mail PO Box 900, Ingleburn 1890 NSW Australia

BIYCELL RIGID POLYETHYLENE

Biycell Rigid Polyethylene Expansion Joint Filler is made from polyethylene resins which have been chemically cross linked.

The material is inert to reaction form solvents and concentrated acids and has extremely good U.V properties

Rigid Polyethylene complies with NSW RTA "Specification for Preformed Joint Fillers for Concrete Structures & Road Pavements.

APPLICATION INSTRUCTIONS

Specifically designed as an expansion joint filler subject to heavy loads. Can easily be bonded to existing concrete with construction adhesive.

ADVANTAGES

Clean and easy to transport. Easy to cut on site with sharp knife. Available in plain or with tear off strip. Compatible with most construction joint sealants.

BIYCELL RIGID POLYETHYLENE

RESISTANCE TO CHEMICALS – IMMERSION 7 DAYS

Hydrochloric Acid 10%	No Reaction
Caustic Soda 40% (10 Normal)	No Reaction
Acetone	No Reaction
Premium Motor Fuel	No Reaction, Slight Swelling
Diesel Fuel	No Reaction, Slight Swelling

FLAMMABILITY

Rigid Polyethylene is slow burning, the gas given off being carbon dioxide which is non-toxic.

PRODUCT DATA SHEET

Standard	Unit	Value		
Gross Density		DIN 53420	Kgs/M3	110
Compressive Strength		MR 610	Kpa	420
50% Deflection		T 1150		
Recovery		T 1150	%	91
Extrusion		MR 610	mm	0.5mm
		T1151		
Resistance to Heat Degradation		MR 610	mm	Nil
(Penetration)		T 1154		
Accelerated Weathering		MR 610		None
		T 1155		