

BIYCELL RIGID

DESCRIPTION:

Biycell Rigid is a closed cell cross linked polyethylene expansion joint filler. The material is inert to reaction from solvents and concentrated acids and has extremely good U.V. properties. Biycell Rigid is clean and easy to transport and easy to cut on site with a sharp knife.

USES:

Biycell Rigid is specifically designed as an expansion joint filler subject to heavy loads. It can easily be bonded to existing concrete using construction adhesive. Biycell Rigid is supplied pre-slit for easy removal prior to placing a sealant.

FLAMMABILITY:

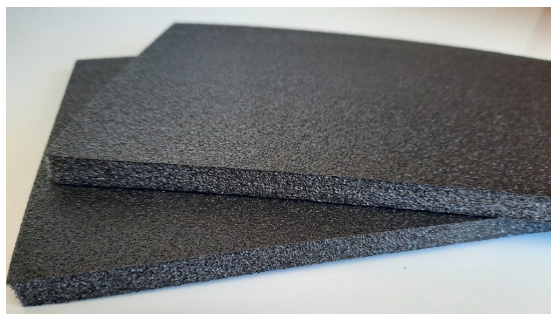
Biycell Rigid is slow burning, giving off non toxic carbon dioxide gas.

SIZES:

10 packs 10mm x 2.4m length in widths:
 50mm, 75mm, 100mm, 125mm & 150mm

10mm x 2.4m x 1.2m sheets
 20mm x 2.4m x 1.2m sheets

Other sizes are available to order.



TECHNICAL DATA:

Resistance to Chemicals—Immersion for 7 days

Hydrochloric Acid 10%)
 Caustic Soda 40% (10 normal)) no reaction
 Acetone)

Premium Motor Fuel) no reaction, slight
 Diesel Fuel) swelling

		Method	Unit	Value
Density		ISO 845	Kgs/M ³	100
Tensile Strength	longitudinal	ISO 1798	Mpa	0.90
	transversal			0.70
Elongation at break	longitudinal	ISO 1798	%	150
	transversal			150
Compression stress strain	10%	ISO 3386	Kpa	104
At deflection	25%			160
	50%			280
Tear Strength	longitudinal	DIN 53507	N/mm	2.6
	transversal			2.9
Operating Temperature Range:		DIN 53431	°C	100
Dimensional Stability				
Compression Set (22h, 25%, 23°C)	0.5h	ISO 1856	%	< 10
After compression release	24h			< 4