

## BIYCELL EAVE FILLER STRIP

### DESCRIPTION:

Biycell Eave Filler Strip is a grey, closed cell flexible cross linked polyethylene foam. It is a durable material having excellent shock absorbing and heat resistant properties.

### USES:

Typical applications include weather, dust and vermin proofing of metal wall or roof cladding.

### PROFILES:

Available in a range of profiles in either the top or bottom section, to suit most roofing profiles. (Other profiles are available upon request.)

PROFILE	LENGTH MM
Customorb	0.918
Hi-Rib	0.760
Hi-Span 800	0.935
Kliplok	0.810
Paneldek	0.975
Prodek	0.850
Super 6	1.150
Spandek 700	0.800
Strongrow	1.000
Trimdek Hi 10	0.950
V-Crimp	0.854
Greca	0.930
Kingklip	0.920

### TECHNICAL DATA:

DESCRIPTION	UNIT	VALUE	METHOD
Density	Kg/m <sup>3</sup>	30	JIS K6767
Tensile Strength	kpa	270	JIS K6767
Elongation	%	125	JIS K6767
Compressive Hardness	kpa	30	JIS K6767
Tear Strength	N/cm	16	JIS K6767
Water Absorption	Gms/cm <sup>3</sup>	0.001	JIS K6767
Thermal Conductivity	W/mk	0.30	SATM518
Compression Set	%	10	JIS K6767
Maximum Working Temperature	°C	-60 +60	-

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### CHEMICAL RESISTANCE

MEDIUM	VISIBLE CHANGE	LENGTH	WIDTH	THICK- NESS	ABSORP- TION VOLUME %	RETENTION OF TENSILE STRENGTH %
Distilled Water	None	+0.2	-2.2	-3.7	1.7	-
Sulphuric Acid 30%	None	+0.2	+0.3	-0.5	0.4	96
Sulphuric Acid 3%	None	-0.4	0	-1.7	0.4	-
Nitric Acid 10%	None	-0.2	+2.5	-0.1	1.0	100
Hydrochloric Acid 10%	None	+0.6	+0.5	-1.7	0.8	100
Acetic Acid 5%	None	+0.6	+1.0	-3.9	1.6	98
Oleic Acid	None	+1.2	+2.3	-4.4	4.3	-
Caustic Soda Soln 10%	None	+0.2	+0.8	-0.9	0.9	100
Caustic Soda Soln 1%	None	-0.2	+0.8	-1.5	0.4	-
Ammonia 10%	None	+1.2	-2.0	-1.5	1.8	-
Soda-Water 2%	None	+0.4	+1.0	-1.5	1.8	-
Sodium Cl Soln 10%	None	-0.6	-1.5	-1.1	0.8	99
Aqueous phenol Soln 5%	None	+0.4	+2.0	-2.3	1.9	97
Citric Acid Soln 5%	None	+0.4	+1.0	+2.0	1.3	
Hydroperoxide 3%	None	0	+1.3	+3.8	0.9	100
Ethanol 95%	None	0	0	-0.7	3.7	99
Ethanol 50%		0	-0.5	-3.2	2.2	-
Acetone	None	+0.4	+1.2	-3.0	5.5	100
Ethyl Acetate	None	+1.0	+1.7	+0.8	6.1	100
Ethylene Chloride	None	+2.0	+2.8	-8.0	3.4	100
Carbon Tetrachloride	None	+8.2	+7.7	+1.3	16.7	100
Toluene	None	+6.4	+7.3	+1.8	14.7	100
Heptane	None	+6.8	+7.3	-5.7	11.3	100