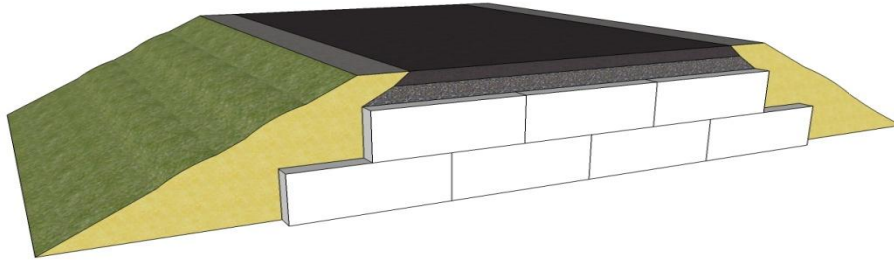


Styrobeck EPS Geofoam Blocks



- Styrobeck EPS Geofoam is a cellular plastic material that is strong but a very low density when comparing to traditional earth materials. It is manufactured in Block form to AS1366 Part 3 Standard Specification for Rigid Expanded Polystyrene.
- Styrobeck Geofoam maximizes onsite installation efficiency in bulk block form, and arrives ready to place with no weather delays.
- Styrobeck Geofoam is very inert in long term burial conditions.
- Can be shaped on site or prefabricated.
- Block size 5020 x 1220 x 530mm (3.25m³ per block)
- Densities available are 12, 15, 20, 24, 28kg/m³.
- Chemical Resistance to soaps, inorganic substances such as dilute acids, alkalis and salt solutions. It is attacked by organic solvent including hydrocarbon fuels and lubricants.
- Applications are for Lightweight Roads, Retaining Walls, Bridge Abutments, General Bulk Filling, Weight reduction over utilities, Weight reduction for structures,

Foundations.



PHYSICAL PROPERTIES	UNIT	SL	S	M	H	VH	TEST METHOD
Compressive stress at 10% deformation (min)	kPa	70	85	105	135	165	AS 2498.3
Cross-breaking strength (min)	kPa	135	165	200	260	320	AS 2498.4
Rate of water vapour transmission (max) measured parallel to rise at 23°C	mg/m2s	630	580	520	460	400	AS 2498.5
Dimensional stability of length, width, thickness (max) at 70°C, dry condition 7 days	%	1	1	1	1	1	AS 2498.6
Thermal resistance (min) at a mean temperature of 25°C	m2.K/W	1.13	1.17	1.20	1.25	1.28	AS 2464.5 or AS 2464.6
Flame propagation characteristics:							AS 2122.1
median flame duration (max)	s	2	2	2	2	2	
eighth value (max)	s	3	3	3	3	3	
median volume retained	%	18	22	30	40	50	
eighth value (min)	%	15	19	27	37	47	

For details on availability and pricing please call our Sales Office

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