

Advantages:

- Speed of laying application
- Thermal conductivity as low as 0.030 W/mk with Warm Beam Plus.
- Interlocking panels to stop cold bridging
- Can be laid in wet conditions
- Excellent thermal properties
- **A+ green guide rating**

We offer a wide range of bespoke rigid insulation modules manufactured from lightweight closed cell expanded polystyrene, which are laid between pre-stressed concrete beams finished with a self levelling concrete topping.

Given that EPS is rot, moisture and draft proof it eliminates the problems associated with part C of the building regulations relating to site preparation and resistance to contaminants and moisture.

S and B EPS suspended floor panels can be installed in conjunction with underfloor heating systems meeting the demand for more environmentally sound homes whilst reducing heating costs.

The use of S and B EPS suspended modules in conjunction with pre-stressed concrete beams are a highly effective, thermally efficient way of achieving and exceeding the thermal requirements of part L of the building regulations without the need for additional insulation.

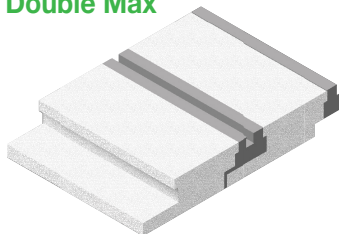
Features	Warm Beam Grades EPS			Warm Beam Plus Lambdatherm®	
	EPS70	EPS100	EPS150	70	ELITE
Thermal Conductivity [k] value W/mk (10°C mean)	0.038	0.036	0.035	0.032	0.030
Compressive Strength kPa Min (at 10% compressive strength)	70	100	150	70	100
Cross Breaking Strength kPa Min	115	150	200	115	150
Safe working load kPa at 1% nominal compression	21	45	70	21	45
Vapour diffusion resistance factor μ 1	20-40	30-70	30-70	20-40	30-70
Vapour permeability δ mg [pa.h.m]	0.015 to 0.030	0.009 to 0.020	0.009 to 0.020	0.015 to 0.030	0.009 to 0.020



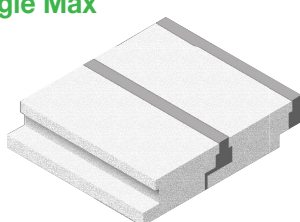
Recycling

EPS is 100% recyclable and any left over waste we can offer a 'Waste Recycling Scheme' ask one of our team.

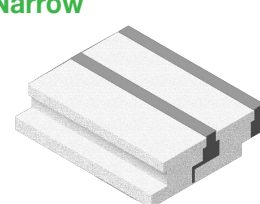
Double Max



Single Max



Single Narrow



Contact Us

Feel free to drop us a call or an email and one of our helpful staff will be happy to answer any questions or queries.



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