

### Advantages of Crios board:

- Can accept all screeds
- 50mm printed gridlines for ease of pipe alignment
- 2.4m x 1.2m for speed of laying
- 50mm overhang on two sides allowing ease of taping joint
- Woven membrane prevents clips from pulling
- Bespoke thickness from 20mm - 140mm
- Excellent price performance ratio

S and B EPS Crios system boards are available in the following grades:

Features	Grades EPS					Lambdatherm®	
	EPS70	EPS100	EPS150	EPS200	EPS250	70	ELITE
<b>Thermal Conductivity</b> [k] value W/mk (10°C mean)	0.038	0.036	0.035	0.034	0.033	0.032	0.030
<b>Compressive Strength</b> kPa Min (at 10% compressive strength)	70	100	150	200	250	70	100
<b>Cross Breaking Strength</b> kPa Min	115	150	200	250	350	115	150
<b>Safe working load</b> kPa at 1% nominal compression	21	45	70	90	100	21	45
<b>Vapour diffusion resistance</b> factor $\mu$ 1	20-40	30-70	30-70	40-100	40-100	20-40	30-70
<b>Vapour permeability</b> $\delta$ mg [pa.h.m]	0.015 to 0.030	0.009 to 0.020	0.009 to 0.020	0.006 to 0.015	0.006 to 0.015	0.015 to 0.030	0.009 to 0.020

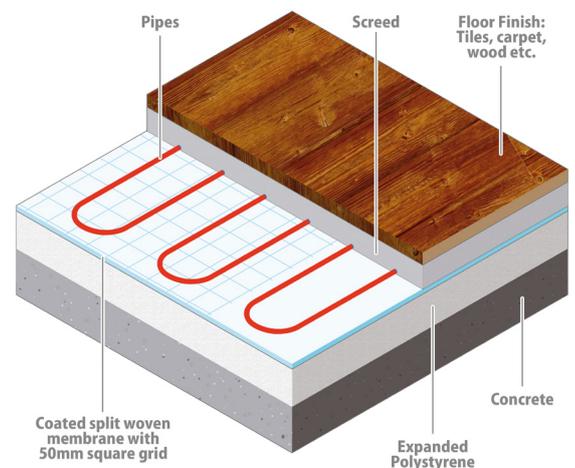
S and B EPS Crios system boards have been specially designed to assist in the laying of underfloor heating systems. It is a combination of an EPS board bonded to a coated split woven membrane that is blue in colour with a 50mm grid pattern to allow straight runs to be simply achieved and as with all other S and B EPS products it is both CFC and HCFC free. Standard sizes of S and B EPS Crios system boards are 2.4 x 1.2m with a 50mm film overhang on two of the sides allowing taping to form a continuous seamless surface with standard thickness being from 20mm to 140mm with other thicknesses available on request.

Identification / colour coding of products manufactured to BSEN 13163		
EPS 70E	2 x brown stripes & 1 red stripe	
EPS 100E	1 x black stripe & 1 red stripe	
EPS 120E	2 x green stripes & 1 red stripe	
EPS 150E	1 yellow stripe & 1 red stripe	
EPS 200E	2 x black stripes & 1 red stripe	
EPS 250E	1 violet stripe & 1 red stripe	

The Euroclass E fire rating applies to the EPS element of these boards only and does not cover the Woven Membrane

### Recycling

EPS is 100% recyclable, A+ green guide rating.



Feel free to contact us

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