



expanded
polystyrene

Insulation that exceeds expectation

Specialist Laminated Panels

SPECIALIST
LAMINATED
PANELS





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PVC Door Panels

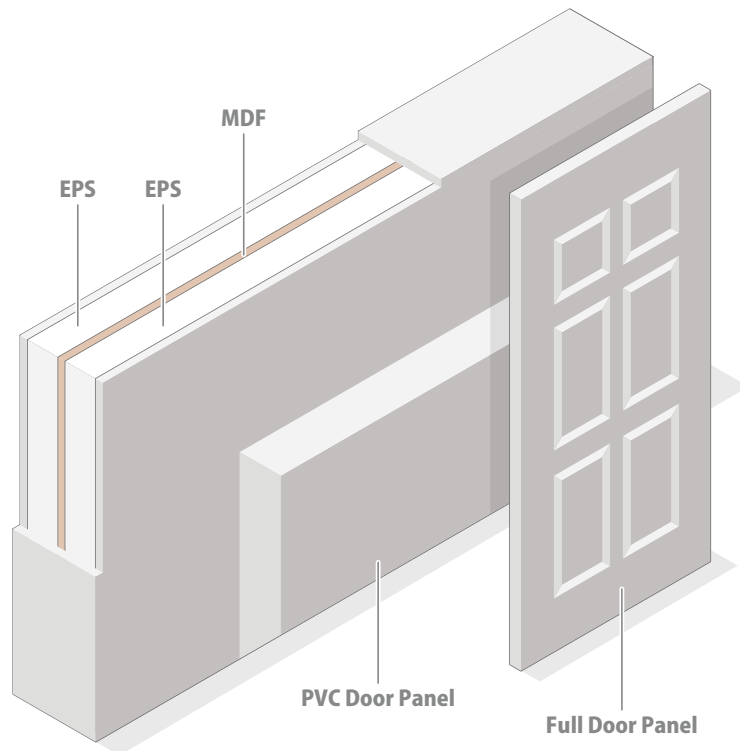
S and B offer precision cut panels with a standard tolerance of +/- 1mm to the laminating panel manufacturer.

Highly specialised cutting technology enables S and B to slice sheets from 5mm and above with a high quality finish coupled with high compressive strengths.

Bespoke grades for the door panel market can contain a fire retardant additive, for

example EPS 100E, EPS 120E, EPS 150E and EPS 200E an ultra high density material for specialist applications (see specification data table at the rear of this guide).

Sizes up to 5000mm in length and 1200 in width can be manufactured and are both CFC [chlorofluorocarbons] and HCFC [hydrochlorofluorocarbons] free, with none of these ozone depleting components being emitted during the manufacturing process or in situ.

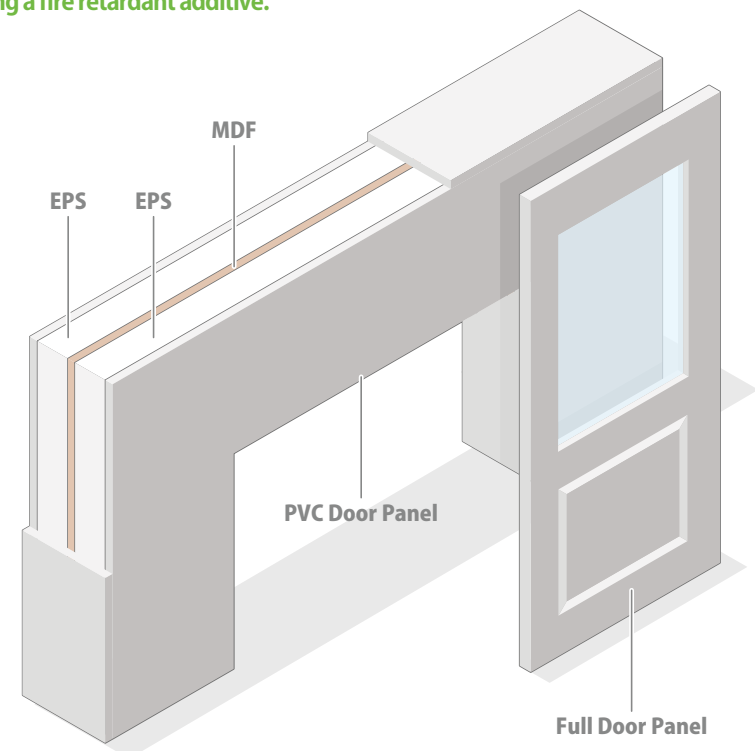


Precut Door Panels

Using the latest CNC operated machinery S and B offer a ready cut door panel supplied in all fire retardant materials. This saves on waste EPS at the customers premises and time on the laminating line.

Highly specialised cutting technology enables S and B to slice sheets from 5mm and above with a high quality finish coupled with high compressive strengths.

S and B EPS offer all grades of expandable polystyrene for this application with all containing a fire retardant additive.



Caravan & Cold Store Buildings















S and B offer EPS panels for use in the caravan industry, touring and static caravans are lined with expandable polystyrene.

S and B offer EPS panels for use in the cold store building market.

Using EPS make the panels lightweight with speed and ease of construction.

S and B Specialist Insulated Panels

S and B Identification Table

New Identification / colour coding of products manufactured to BSEN 13163		
EPS 70	2 x brown stripes	
EPS 70 E	2 x brown stripes & 1 red stripe	
EPS 100	1 black stripe	
EPS 100 E	1 black stripe & 1 red stripe	
EPS 120	2 x green stripes	
EPS 120 E	2 x green stripes & 1 red stripe	
EPS 150	1 yellow stripe	
EPS 150 E	1 yellow stripe & 1 red stripe	
EPS 200	2 x black stripes	
EPS 200 E	2 x black stripes & 1 red stripe	
EPS 250	1 violet stripe	
EPS 250 E	1 violet stripe & 1 red stripe	
EPS 300	2 x violet stripes	
EPS 300 E	2 x violet stripes & 1 red stripe	

S and B Specialist Insulated Panels

S and B Specification Data

Property	Conditions	Grades							Lambdatherm	
		EPS300	EPS250	EPS200	EPS150	EPS120	EPS100	EPS70	90	70
Strength										
Compressive strength kPa Min	at 10% compressive strength	300	250	200	150	120	100	70	90	70
Cross breaking strength kPa Min		450	350	250	200	170	150	115	150	115
Safe working load kPa	at 1% nominal compression	120	100	90	70	45	45	21	45	21
Heat										
Thermal conductivity [k] value W/mk Max	10°C mean	0.033	0.033	0.034	0.035	0.036	0.036	0.038	0.030	0.032
Water (tabulated values)										
Vapour diffusion resistance factor μ1		40-100	40-100	40-100	30-70	30-70	30-70	20-40	30-70	20-40
Vapour permeability δ mg [pa.h.m]		0.007 to 0.018	0.007 to 0.018	0.007 to 0.018	0.010 to 0.024	0.010 to 0.024	0.010 to 0.024	0.018 to 0.036	0.010 to 0.024	0.018 to 0.036

To discover more about the benefits of S and B Laminated Panels, call today on **0191 250 0818**, or go to www.sandbeeps.com.

FIND US



At S and B EPS Ltd we take real pride in finding solutions to problems, so whatever your expanded polystyrene needs, you can call on us to deliver

S and B EPS Limited
Dudley, Cramlington,
Tyne & Wear, UK
NE23 7PY

Email: company@sandbeps.com

Tel: 0191 250 0818
Fax: 0191 250 0548

Or follow us on Facebook: [sandbeps/facebook](https://www.facebook.com/sandbeps/facebook)
and Twitter: [@sandbepslimited](https://twitter.com/sandbepslimited)