

## Technical data sheet

Insulating Gypsum Board EPS - EN 13950

Board composed of laminated plasterboard and an insulation layer made of Expanded Polystyrene (EPS).

### Applications:

All type of interior dry construction, such as: wall lining systems.

### Technical data:

<i>Compliance:</i>	Type A (EN 520)	<i>Longitudinal edge:</i>	Tapered (TE)
<i>Face paper colour:</i>	Ivory	<i>Depth:</i>	1,5 mm [0,6-2,5 mm]
<i>Water vapour resistance (μ):</i>	10 (EN 12524)	<i>Width:</i>	60 mm [40-80 mm]
<i>Reaction to fire:</i>	A2-s1, d0	<i>Transverse edge:</i>	Square (SE)
<i>Thermal conductivity BA10 board: (23°C/50%HR)</i>	0,200 W/m.°C	<i>Thermal cond. EPS60:</i>	0,038 W/m.°C

Reference	EPS 10-20	EPS 10-30	EPS 10-40	EPS 10-50	EPS 10-60	EPS 10-80	EPS 10-100
Thickness ( $\pm 0,5$ mm)	29,5	39,5	49,5	59,5	69,5	89,5	109,5
Width (+0/-4 mm)	1200						
Length (+0/-5 mm)	2500/ 2600						
Weight ( $\pm 5\%$ kg/m <sup>2</sup> )	7,20	7,35	7,50	7,65	7,80	8,1	8,4
Flexural strength <i>Long./Tran. (N)&gt;</i>	400/160						
Thermal resistance (m <sup>2</sup> .KW)	0,57	0,84	1,10	1,36	1,63	2,15	2,68

### Standards:

- EN 13950;
- CE marked according to the EN 13950.

### Storage and use:

Keep the boards away from sun exposure and humidity.  
Use the forklift with maximum aperture.  
Store the pallets on flat surfaces, with original wood bearers.

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<i>Face paper colour:</i>	Ivory	<i>Depth:</i>	1,5 mm [0,6-2,5 mm]
<i>Water vapour resistance (μ):</i>	10 (EN 12524)	<i>Width:</i>	60 mm [40-80 mm]
<i>Reaction to fire:</i>	A2-s1, d0	<i>Transverse edge:</i>	Square (SE)
<i>Thermal conductivity BA13 board: (23°C/50%HR)</i>	0,175 W/m.°C	<i>Thermal cond. EPS60:</i>	0,038 W/m.°C

Reference	EPS 13-20	EPS 13-30	EPS 13-40	EPS 13-50	EPS 13-60	EPS 13-80	EPS 13-100
Thickness ( $\pm 0,5$ mm)	32,5	42,5	52,5	62,5	72,5	92,5	112,5
Width (+0/-4 mm)	1200						
Length (+0/-5 mm)	2500/ 2600						
Weight ( $\pm 5\%$ kg/m <sup>2</sup> )	7,80	7,95	8,10	8,25	8,40	8,70	9,00
Flexural strength <i>Long./Tran. (N)&gt;</i>	550/210						
Thermal resistance (m <sup>2</sup> .KW)	0,60	0,86	1,12	1,39	1,65	2,18	2,70

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