

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:</i> (23°C/50%HR)	0,200 W/m.°C	<i>Thermal cond. EPS60:</i>	0,038 W/m.°C
<i>Thermal conductivity BA13 board:</i> (23°C/50%HR)	0,175 W/m.°C		

Reference	EPS 10-20	EPS 13-20	EPS 10-30	EPS 13-30	EPS 10-40	EPS 13-40	EPS 10-60	EPS 13-60
Thickness ($\pm 0,5$ mm)	29,5	32,5	39,5	42,5	49,5	52,5	69,5	72,5
Width ($+0/-4$ mm)	1200		1200		1200		1200	
Length ($+0/-5$ mm)	2500/2600		2500/2600		2500/2600		2500/2600	
Weight ($\pm 5\%$ kg/m ²)	7,20	7,40	7,35	7,55	7,50	7,70	7,80	8,00
Flexural strength <i>Long./Tran. (N)></i>	400/160	550/210	400/160	550/210	400/160	550/210	400/160	550/210
Thermal resistance (m ² .KW)	0,57	0,59	0,83	0,86	1,10	1,12	1,62	1,65

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.