

## Technical data sheet

### Board D I – EN 520 (Impact resistant)

Laminated gypsum boards made up of two layers of paper with high quality plaster encased in two sheets of paper with higher density and damage resistance. Suitable for areas requiring higher impact resistance, such as schools, hospitals and pavilions.

#### Applications:

All type of interior dry construction, such as: partition and wall systems, wall lining systems, suspended ceilings, lighting and pelmet features and other decorative applications.

#### Technical data:

<i>Compliance:</i>	Type D I (EN 520)	<i>Longitudinal edge:</i>	Tapered (TE)
<i>Face paper colour:</i>	Blue	<i>Depth:</i>	1,5 mm [0,6-2,5 mm]
<i>Reverse side paper colour:</i>	Brown	<i>Width:</i>	60 mm [40-80 mm]
<i>Water vapour resistance (μ):</i>	10 (EN 12524)	<i>Transverse edge:</i>	Square (SE)
<i>Reaction to fire:</i>	A2-s1, d0	<i>Width (+0/ -4 mm):</i>	1200 mm
		<i>Ball diameter:</i>	≤15mm

	<b>12.5</b>	<b>15</b>
Thickness ( $\pm 0,5$ mm)		
Length (+0/-5 mm)	2000 - 3000	2000 - 3000
Weight ( $\pm 5\%$ kg/m <sup>2</sup> )	10,3	12,3
Density (kg/m <sup>3</sup> )	824	820
Flexural strength (N) $\geq$ Longitudinal / Transverse	550 / 210	650 / 250
Thermal conductivity W/m.°C (23°C/ dry)	0,130	0,130
Thermal conductivity W/m.°C (23°C/ 50%)	0,23	0,23

#### Standards:

- EN 520;
- CE marked according to the EN 520.

#### 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.