

# Cement Board Specification

The product characteristics below are relevant across all Flat board.

Nominal Thickness (mm)	Nominal weight of board (kg) for standard sizes in (mm)
	2440 x 1220mm
3.2 ( $\pm 0.5$ )	13.8
4.5 ( $\pm 0.5$ )	19.6
6.0 ( $\pm 0.5$ )	26.6
9.0 ( $\pm 0.5$ )	41.3
12.0 ( $\pm 1.5$ )	55.4
15.0 ( $\pm 1.5$ )	67.5
18.0 ( $\pm 1.5$ )	81

Flexural Strength	Standard Value
MOR (Oven Dry) - Across	19 MPa
MOR (Oven Dry) - Along	11 MPa
MOR (Saturated) - Across	14 MPa
MOR (Saturated) - Along	7 MPa
Density at Oven Dry	1.33 - 1.42g/cm <sup>3</sup>
Water Absorption (by dry weight)	22% - 30%
Moisture Content at EMC (by dry weight)	8%
Thermal Conductivity (estimate at 20°C)	0.12 W/mk
Moisture Movement (saturate to EMC)	0.06% - 0.08%

## Fire Resistant

Compliance to BS476: Part 6 & 7

Class "O" material under Malaysian Uniform Building By-Laws

\*EMC-Equilibrium Moisture Content