

Technical Data Sheet

April 7.2025

Product Name : FG BOARD $t = 6 \text{ mm}$

Standard Dimension

Thickness (mm)	6.0 (± 0.4)
Width $\times$ Length (mm)	910 $\times$ 1820 (0 $\sim$ -1)
Standard Weight (kg/m ²)	9.6

*Standard Product weights are standard values adjusted for moisture absorption ratios.

Physical Properties

Product	Standard Value						
	Density (g/cm ³)	Bending strength (N/mm ²) 〈lengthwise〉	Length variation caused by water absorption (%) 〈lengthwise〉	Thermal conductivity (W/m $\cdot$ k)	Fire-retardant or exothermic properties	Water absorption ratio (%)	Young's Modulus (N/mm ²) 〈lengthwise〉
FG BOARD	Approx 1.6	14.7 or over	0.07 or under	0.35	Grade 1 exothermic	18 or under	13 $\times$ 10 ³

*Young's Modulus test methods comply with JIS A 1408, Thermal conductivity test methods comply with JIS A 1412, Other test methods comply with JIS A 5430.

* The physical property shown above is a Standard value not guaranteed value.



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