

## Multi purpose Calcium Silicate Board

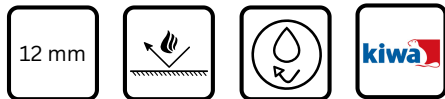
The Multi purpose Calcium Silicate Board is made of calcareous and siliceous materials, reinforced with fibres. It is cured under high-pressure steam and temperature to provide a stable, strong crystalline structure.

The Calcium Silicate Board is a top-notch, contemporary building material manufactured using revolutionary HPSC technology, ensuring quality, durability and consistency.



**Board Dimensions:** 2440 x 1220 m

**Board Thickness:** 12mm



### TECHNICAL INFORMATION

<b>Dry Apparent Density:</b>	900 kg/m <sup>3</sup> (+/- 50) (BS EN12467)
<b>Bending Strength:</b>	Longitudinal - 10 & Transvers - 5.5 (BS EN12467)
<b>Impact Strength:</b>	> 1900 J/m <sup>2</sup>
<b>Compressive Strength:</b>	22.95 N/mm <sup>2</sup> (ASTM D1037)
<b>Point Load:</b>	1. Load failure at 3622N, 3765N Deflection 12 (Load applied by use iron ball 63mm dia) 2. Load failure at 4589N Deflection 21 (Load applied through area by disc) 3. Withstanding capacity is 1.10 N/mm <sup>2</sup>
<b>pH:</b>	9 - 10
<b>Thermal Conductivity:</b>	0.15 W/mK (BS EN12467)
<b>Non-combustible:</b>	Pass (BS 476: Part 4)
<b>Surface Spread of Flame:</b>	Class 1 (BS 476: Part 7)
<b>Fire Propagation Test:</b>	I = 1.2 (BS 476: Part 6)
<b>Ignitability:</b>	Class 'P' Not easily ignitable (BS 476: Part 5)
<b>Flame Spread Index:</b>	0 (ASTM E 84)
<b>Smoke Developed Index:</b>	5 (ASTM E 84)
<b>Fire Rated Partition:</b>	up to 240 minutes*
<b>Asbestos:</b>	Free from asbestos

