



## Hardness of Lignia Solidwood

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### Hardness

The hardness of a timber is very important; it directly corresponds to how resilient a timber is when it comes into direct contact with another surfaces.

The standard method for measuring hardness is the Janka Hardness Test, which is essentially the force required to force a 0.444 inch steel ball to a depth of 0.222 inch into a board. The hardness of Lignia™ is checked regularly during production to ensure our customers receive a product of the utmost quality.

Table shows Janka hardness of Lignia™ using a medium solid formulation.

Sample	Density		Hardness
		kg/m3	kN
Lignia	1	711	5.5
	2	654	5.7
	3	672	5.8
Mean		<b>679</b>	<b>5.7</b>