



Dimensional Stability of Fibre7 Solidwood

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Dimensional stability is a measure of how much a solid board will move with changing humidity levels. All types of timbers move with moisture levels to varying degrees.

Lignia solidwood has been tested by the Forest Research Institute of New Zealand to the British Building Research Establishment (BRE) Technical Note No. 38. The test yields a percentage movement in both the tangential and radial directions for humidity levels of 60% and 90%.

	Tangential Movement %	Radial Movement %
Solid board of Lignia	1.5	0.4
Tasmanian Oak	2.9	1.8
European Oak	2.5	1.5
European Beech	1.8	1.7
Teak (Burma)	1.2	0.7
Black Walnut (American)	3.5	2.5
Cherry (European)	2.0	1.2