

Species	Initial MC	Final MC	Initial Dimension 'MM'	Final Dimension Radial 'MM'	Final Dimension Tangential. 'MM'	Change Radial 'MM'	Change Tangential. 'MM'
Oak, White	9	10	130	130.27	130.52	0.27	0.52
Oak, White	9	11	130	130.54	131.05	0.54	1.05
Oak, White	9	12	130	130.81	131.57	0.81	1.57
Oak, White	9	13	130	131.08	132.1	1.08	2.1
Oak, White	9	14	130	131.35	132.62	1.35	2.62
Oak, White	9	15	130	131.62	133.15	1.62	3.15
Oak, White	9	16	130	131.89	133.67	1.89	3.67
Oak, White	9	17	130	132.16	134.2	2.16	4.2
Oak, White	9	18	130	132.43	134.72	2.43	4.72
Oak, White	9	19	130	132.7	135.25	2.7	5.25
Oak, White	9	20	130	132.97	135.77	2.97	5.77
Oak, White	9	21	130	133.24	136.3	3.24	6.3
Oak, White	9	22	130	133.51	136.82	3.51	6.82
Oak, White	9	23	130	133.78	137.35	3.78	7.35
Oak, White	9	24	130	134.05	137.87	4.05	7.87

This chart shows the average dimensional change of 130mm White Oak at various moisture contents assuming the initial MC was 9%.  
i.e. The dimensional change Tangential 'Across the face of the board' from 9% MC to 12 MC would be 1.05MM

MC = Moisture Content

MM = Millimetres

Radial = Quater sawn

Tangential = Plain sawn