



## Engineered Oak Quantity Guarantee

GB/T 18103-2013

### Size Deviation Requirements

Item	Requirements
Deviation of Thickness	The difference between $t_n$ and $t_a$ is no greater than 0.5mm in absolute value The difference between $t_{max}$ and $t_{min}$ is not greater than 0.5mm
Deviation of Length	$l_n \leq 1500$ mm, the difference between $l_n$ and $l_m$ is no greater than 1mm in absolute value $l_n > 1500$ mm, the difference between $l_n$ and $l_m$ is no greater than 2mm in absolute value
Deviation of Width	the difference between $w_n$ and $w_a$ is no greater than 0.2mm in absolute value the difference between $w_{max}$ and $w_{min}$ is no greater than 0.3mm
Straightness	$q_{max} \leq 0.2$ mm
Edge straightness	$\leq 0.3$ mm/m
Warp	Cup- $f_w \leq 0.20\%$ , Bow- $f_1 \leq 1.00\%$
Opening (Gap)	$O_a \leq 0.15$ mm, $O_{max} \leq 0.20$ mm
Height Difference	Height Difference average $h_a \leq 0.10$ mm, Height Difference maximum $h_{max} \leq 0.15$ mm

### Physical & Chemical Property Requirements

Item Inspected	Unit	Requirements
Immersion-peel Test		The cumulative length of the open splice layer of either side shall not exceed 1/3 of the length of the layer, Five of the five specimens are qualified.
MOR	MPa	$\geq 30$
MOE	MPa	$\geq 4000$
Moisture Content	%	5—14
Adhesion	—	The paint film is allowed to peel off at the intersection of the cutting mark, and a small amount of intermittent peeling is allowed along the cutting mark.

Surface Abrasion Resistance	g/100r	$\cong$ 0.15, Paint film is not worn through
Hardness	—	$\cong$ 2H
Surface stain resistance	—	no stain
Formaldehyde Emission	—	Conform to GB18580
<p>Note 1: The unpainted floor and the painted floor do not measure the adhesion , surface abrasion resistance, hardness and surface contamination.</p> <p>Note 2: When the suspension mounting is used, the two-layer floor with the panel perpendicular to the underlying texture and the floor with transverse slot on the back are not measured for MOR and MOE.</p>		