

TIMBY

DECK VINTAGE

Test item	Unit	Standard	Test method	Test condition	Test result		
					STGJ94		
Max loading	N	>=3000N		span 300mm	3127.00	PASS	
Static bending intensity	MPa	>=22.5MPa		span 300mm	24.06	PASS	
Flexural Modulus	MPa	>=1800MPa		span 300mm	2611.10	PASS	
Hardness	-	Core material ≥ 65 Out layer material ≥ 60	ISO 868-2003	-	Core material : 74 Out layer material : 69	PASS	
Water absorption and swelling	Water absorption	%	≤1.5	BS EN 15534-1-2014+A1-2017	Temp. : 23°C Time : 72h	0.89	PASS
	Length direction	%	≤0.2			0.07	PASS
	Width direction	%	≤0.3			0.12	PASS
	Thickness direction	%	≤0.5			0.34	PASS
Water absorption and swelling (boiling)	Water absorption and swelling	%	≤4.0	BS EN 15534-1-2014+A1-2017	Temp. : 100°C Time : 24h	2.38	PASS
	Length direction	%	≤0.4			0.10	PASS
	Width direction	%	≤0.8			0.49	PASS
	Thickness direction	%	≤3.2			1.86	PASS
	Outlooking	-	Outside quality : No crack in 24h boiling			No crack	PASS
Water absorption and swelling (boiling)	Water absorption and swelling	%	≤9.0	BS EN 15534-1-2014+A1-2017	Temp. : 100°C Time : 72h	5.99	PASS
	Length direction	%	≤0.8			0.61	PASS
	Width direction	%	≤2.0			1.34	PASS
	Thickness direction	%	≤4.0			3.16	PASS
	Outlooking	-	Allow small crack at the ends, no crack on surface. Each crack line length ≤5mm, depth ≤5mm, crack lines quantity ≤5			No crack	PASS
Resistant to heat and cold cycles	Water absorption and swelling	%	≤3.0	LY/T 2565-2016	-35°C24h 60°C12h 5 cycles	1.81	PASS
	Length direction	%	≤0.4			0.12	PASS
	Width direction	%	≤0.6			0.26	PASS
	Thickness direction	%	≤1.0			0.81	PASS
	Outlooking	-	No crack on surface			No crack	PASS
Linear expansion coefficient	°C ⁻¹	≤5*10 ⁻⁵	BS EN 15534-1-2014+A1-2017	-20°C-80°C	3.99	PASS	
Impact(Normal temperature)	mm	Pit ≤7mm	BS EN 15534-1-2014+A1-2017	Height : 1750mm	6.16	PASS	
Impact(low temperature)	-	No breakage	GB/T 24508-2009	-20°C2h	No breakage	PASS	
Antiskid	-	≥35	DIN CEN/TS 156576	No.55 rubber wheel	42	PASS	