

PRODUCT TECHNICAL PARAMETER

Quality Standard of Paneltek High End Products		
	Paneltek	FUJI
Water Absorption Rate	4%-8%	6%-10%
Length	±1.0mm	±1.0mm
Width	0-300mm, ±1.5mm 300-600mm, ±2.0mm 600-800mm, ±3.0mm	0-300mm, ±1.5mm 300-600mm, ±2.0mm 600-800mm, ±3.0mm
Thickness	≤1.0mm	≤1.0mm
Straightness of Sides (facial sides)	0<width≤ 300mm, less than 0.25% of the length; Width≥300mm, no longer than 2.0mm	0<width≤ 300mm, less than 0.25% of the length; Width≥300mm, no longer than 2.0mm
Rectangularity	0<length≤600mm, deviation≤0.25%; 600<length≤1200mm, deviations≤1.5mm; Length≥1200mm, deviations≤2.5mm	0<length≤600mm, deviation≤0.25%; 600<length≤1200mm, deviations≤1.5mm; Length≥1200mm, deviations≤2.5mm
Surface Flatness: Centre Curvature / Diagonal Flatness	no more than 0.25% of the diagonal; ≤2.0mm	no more than 0.25% of the diagonal; ≤2.0mm
Surface Flatness: Edge curvature	0.25% of the length, no more than 2.0mm	0.25% of the length, no more than 2.0mm
Vertical Flatness	≤300mm, ±1.2mm >300mm, width±0.5%	≤300mm, ±1.2mm >300mm, width±0.5%
Surface	no crack, all edges remain intact, color and texture are consistent with the requirement	no crack, all edges remain intact, color and texture are consistent with the requirement
Chromatic Aberration	Delta E <= 1.0, no visible chromatic aberration	Delta E <= 1.0, no visible chromatic aberration
Weight	2090kg/m3-2160kg/m3	2090kg/m3-2160kg/m3
Breaking Strength	thickness<18mm, ≥2500N on average, ≥2200N per	thickness<18mm, ≥2500N on average, ≥2200N per
	panel; 18mm≤thickness<28mm, ≥4500N on average, ≥4200N per panel; thickness≥28mm, ≥8000N on average, ≥7500N per panel	panel; 18mm≤thickness<28mm, ≥4500N on average, ≥4200N per panel; thickness≥28mm, ≥8000N on average, ≥7500N per panel
Modulus of Rupture(N/mm2)	13-20 Mpa (the special-shaped might be different)	13-20 Mpa (the special-shaped might be different)