



## Declaration of Performance

SZKW-DoP-HTO-V1

Manufacturer: Suzhou Kaiwah Timber Co., Ltd  
Dangshan, Anhui, China

Product Type	Technical Class	Intended Use	AVCP *	Notified Body Reference
Pencil Cedar Faced poplar core Plywood Size of 2440x1220mm Bonded With Phenolic glue	1) EN636-3 Exterior conditions  2) EN314-2 Class 3	Exterior use as structural or Non-structural components in ventilated location.	2+	SKH 0502
* Assessment and verification of constancy of performance system according to Annex V of regulation (EU) No 305/2011				

### Declared Performance

Essential characteristics	Performance							Harmonised technical specification
	Thickness (mm)							
	3.6	5.5	9	12	15	18	25	2004 EN13986:
Bending Strength (N/mm <sup>2</sup> )	NPD	NPD	24	26	33	42	45	
Stiffness MOE (N/mm <sup>2</sup> )	NPD	NPD	4550	4500	4350	4440	4560	
Bonding Quality (N/mm <sup>2</sup> )			1.05	1.22	1.252	1.044	1.115	

Essential characteristics	Performance							Harmonised technical specification
	Thickness (mm)							
	3.6	5.5	9	12	15	18	25	
Reaction to Fire Class excluding Floorings	NPD	NPD	NPD	D-s2, d0	D-s2, d0	D-s2, d0	D-s2, d0	
Reaction to Fire Class Floorings	NPD	NPD	NPD	DFL-s1	DFL-s1	DFL-s1	DFL-s1	
Release of Formaldehyde	E1≤3.5 mg/m <sup>2</sup> h							
Durability Moisture Resistance EN314-2	Class 3							
Release (content) of pentachlorophenol (PCP)	≤5ppm							
Thermal conductivity W/(m.K)	0.13							
Mean Density Kg/m <sup>3</sup>	530							
Water vapour permeability Wet cup μ	70							
Water vapour permeability Dry cup μ	200							
Biological Durability	Class 1 & 2							
Sound absorption Frequency range 250Hz to 500Hz (α)	0.1							
Sound absorption Frequency range 1000Hz to 2000Hz (α)	0.3							

**EN13986:2004**

Note: NPD - No Performance Determined

The performance of the product identified is in conformity with the declared performance.

Suzhou Kaiwah Timber Co., Ltd

Managing Director: Jack Chao

June 17, 2015