



Panda Panel Agencies Ltd

**PRODUCT DATA SHEET**

**Manufacturer:** Jiaxing Kaochuan Woodwork Co Ltd, China

**Commodity:** Chinese realwood veneered decorative plywood

**Description:** Chinese E1 Poplar throughout plywood, face side overlaid with 0.2mm - 0.3mm decorative veneer (Decorative veneer thickness dependent upon relevant wood species)

**Quality:** Face: "A" Quality  
Back: "CC" Quality  
Panels are also available veneered 2 sides with "B" quality" back

**Size:** 2440 x 1220mm (other sizes available on request up to maximum size 3050 x 1525mm)

**Thickness:** 3.6mm - 18.0mm

**Glue:** "E1" LFE (Low Formaldehyde Emission) Glue in compliance with EN314-2 Class 1 / EN636 Class 1

**Packing:** Cardboard cartons with 100% re-cycled waterproof plastic lining secured with 100% recycled plastic straps  
Total combined weight of plastic lining and plastic straps about 0.675Kg

**Performance:**

Performance Characteristics	EN	Unit	Value or Claim			
Nominal Thickness		mm	9	12	15	18
Density	EN323	Kg/m3	550			
Bending Strength						
Face grain parallel to span	EN310	N/mm2	47.3	51.60	44,5	38.5
Perpendicular to face grain			32.4	26.70	23.3	27.8
Bending Stiffness						
Face grain parallel to span	EN310	N/mm2	5430	7011	6153	5167
Perpendicular to face grain			1863	2210	2032	2489
Characteristic bending Strength						
Face grain parallel to span	EN12369	N/mm2	30	25	25	25
Perpendicular to face grain			10	10	15	15
Characteristic bending Stiffness						
Face grain parallel to span	EN12369	N/mm2	5000	4000	4000	5000
Perpendicular to face grain			500	1000	2000	2000
Bonding quality	EN314-2	Class	1			
Release of formaldehyde	EN717-2	Class	E1			
Reaction to Fire	EN13986	Class	D-s2 do			
Water vapour permeability	EN13986 wet cup	μ	90			
	EN13986 dry cup	μ	220			
Airborne sound insulation	EN13986	dB	R=13x1o(MA)+14			
Thermal conductivity	EN13986	W/(m.K)	0.15			

**Remarks:** 3.6 and 6.0mm thicknesses are regarded as being "Non structural" and have therefore not been tested Whilst 9mm - 18mm thicknesses have been tested in accordance with the relevant standards detailed above, they have not been tested in accordance with CE2+ and should not be considered as being suitable for "Structural" applications (veneered plywood is generally considered as being "Non structural")

Every effort has been made to ensure the accuracy of the information provided.  
No liability will be accepted for panels which do not meet the above mentioned characteristics.

**E&OE**