

Name of the product: <b>Plywood- Shouguang Luli Wood Inc.</b>	
Class	code
Plywood for internal use in dry conditions (EN 636-1)	<sup>1)</sup> X
Plywood for internal use in humid conditions (EN 636-2)	<sup>1)</sup>
Plywood for external use (EN 636-3)	<sup>1)</sup>
Application area	
Use as non-structural component	<sup>1)</sup> X
Use as structural component	<sup>1)</sup> X
Panel	
Nominal thickness or thickness range [mm]	5~25
Length [mm]	1820~2440
Width [mm]	720-1220
Number of veneers	3~19
Core veneer	
Kind of wood	Alder, Apitong, Erima, Eucalyptus, Poplar
Thickness [mm]	1.5-2.0
Face veneer	
Kind of wood	Apitong, Alder, Birch, Erima, Eucalyptus, Okoume, Poplar, Tropical Almond
Thickness [mm]	0.3-1.2
Back veneer	
Kind of wood	Apitong, Alder, Birch, Erima, Eucalyptus, Okoume, Poplar, Tropical Almond
Thickness [mm]	0.3-1.2
Adhesive	
Type	UF (Urea-Formaldehyde Resin)
Product name	Luli Glue
Further information	
Contains flame retardant	No
Contains wood preservative	No

<sup>1)</sup> Please mark the relevant properties with a cross.

#### Specification for ITT:

Panel			
Nominal thickness [mm]	5.0		
Core veneer (wood species, thickness [mm], number)	Poplar, 1.7, 1		
Face veneer (wood species, thickness [mm], number)	Poplar, 1.7, 1		
Back veneer (wood species, thickness [mm], number)	Poplar, 1.7, 1		
Veneer orientation	I-I		
Panel properties			
Bending strength [N/mm <sup>2</sup> ] (L <sub>5%</sub> )	0° / 90°	38.7/33.5	
Bending strength classes	0° / 90°	F25/F20	
Bending modulus [N/mm <sup>2</sup> ] (L <sub>5%</sub> )	0° / 90°	2740/2639	
Bending modulus classes	0° / 90°	E30/E25	
Mean shear strength [N/mm <sup>2</sup> ] (and mean apparent cohesive wood failure [%]) <sup>2)</sup>		[N/mm <sup>2</sup> ]	[%]
(after pre-treatment according to EN 314-1 (depending on bonding class)	5.1.1	1.49	72
	5.1.2	/	/
	5.1.3	/	/
	5.1.4	/	/

<sup>2)</sup> Value of wood failure is only necessary, if the value of shear strength is smaller than 1.

#### Comments:

The properties of products which differ in their structure from the ITT structure (thickness, type of wood) are mandatorily to be confirmed by the manufacturer under the FPC, and where necessary, they need to be submitted to the Notified Body.

10. April 2025

date

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