

Name of the product: <b>Plywood- Shouguang Luli Wood Inc.</b>		
Class	code	
Plywood for internal use in dry conditions (EN 636-1)	1) <input checked="" type="checkbox"/>	2117264-022
Plywood for internal use in humid conditions (EN 636-2)	1) <input checked="" type="checkbox"/>	
Plywood for external use (EN 636-3)	1) <input checked="" type="checkbox"/>	
Application area		
Use as non-structural component	1) <input checked="" type="checkbox"/>	
Use as structural component	1) <input checked="" type="checkbox"/>	
Panel		
Nominal thickness or thickness range [mm]	8~25	
Length [mm]	1820~2440	
Width [mm]	720-1220	
Number of veneers	5~19	
Core veneer		
Kind of wood	Alder, Apitong, Erima, Eucalyptus, Poplar	
Thickness [mm]	1.5-2.0	
Face veneer		
Kind of wood	Apitong, Alder, Almond Birch, Erima, Eucalyptus, Okoume, Poplar, Tropical	
Thickness [mm]	0.3-1.2	
Back veneer		
Kind of wood	Apitong, Alder, Almond Birch, Erima, Eucalyptus, Okoume, Poplar, Tropical	
Thickness [mm]	0.3-1.2	
Adhesive		
Type	PF (Phenol-Formaldehyde Resin)	
Product name	Dyneal 14L962	
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]	14		
Core veneer (wood species, thickness [mm], number)	Poplar, 1.7, 7		
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-I-I-I		
Panel properties			
Bending strength [N/mm <sup>2</sup> ] (L <sub>5%</sub> )	0° / 90°	40.3/30.9	
Bending strength classes	0° / 90°	F25/F20	
Bending modulus [N/mm <sup>2</sup> ] (L <sub>5%</sub> )	0° / 90°	3362/3190	
Bending modulus classes	0° / 90°	E35/E35	
Mean shear strength [N/mm <sup>2</sup> ] (and mean apparent cohesive wood failure [%]) <sup>2)</sup>	5.1.1	[N/mm <sup>2</sup> ]	[%]
(after pre-treatment according to EN 314-1 depending on bonding class)	5.1.2	1.79	58
	5.1.3	1.51	64
	5.1.4	/	/
		1.23	72

<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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