

Product specification Certificate 0766-CPR-462/8

| | | |
|---|---|---|
| Name of the product: Plywood- Shouguang Luli Wood Inc. | | |
| Class | | code |
| | Plywood for internal use in dry conditions (EN 636-1) | 1) ✕ |
| | Plywood for internal use in humid conditions (EN 636-2) | 1) |
| | Plywood for external use (EN 636-3) | 1) |
| Application area | | |
| | Use as non-structural component | 1) ✕ |
| | Use as structural component | 1) ✕ |
| 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 |

¹⁾ 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 ²] (L _{5%}) 0° / 90° | | 38.7/33.5 | |
| | Bending strength classes 0° / 90° | | F25/F20 | |
| | Bending modulus [N/mm ²] (L _{5%}) 0° / 90° | | 2740/2639 | |
| | Bending modulus classes 0° / 90° | | E30/E25 | |
| | Mean shear strength [N/mm ²] (and mean apparent cohesive wood failure [%]) ²⁾ (after pre-treatment according to EN 314-1 (depending on bonding class) | | [N/mm ²] | [%] |
| | | 5.1.1 | 1.49 | 72 |
| | | 5.1.2 | / | / |
| | | 5.1.3 | / | / |
| | | 5.1.4 | / | / |

²⁾ 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