

Performance poplar HPL

Laminated premium poplar core plywood

Lightweight panel composed entirely of European sustainable plantation poplar. Coated with decorative HPL (High Pressure Laminate), giving the panel an exceptional resistance to impact and scratching.

Exceptional performance in the most demanding applications thanks to premium quality interior and exterior veneers and the meticulous finishing work on the panels. Balanced panel construction with premium single piece core veneers for exceptional bond quality, flatness and machining properties.

Poplar core veneer is from sustainably managed poplar plantations in Spain and France.

PART 1 - GENERAL

1. Abbreviation and acronyms

- a) CARB: California Air Resources Board
- b) TSCA: Toxic Substances Control Act
- c) PEFC: Programme for the Endorsement of Forest Certification
- d) LEED®: Leadership in Energy and Environmental Design
- e) EN: European Norms

2. References Standards

- a) USGBC LEED – Green Building Rating System™

3. Submittals Procedures

- a) Product Data: Lightweight premium plywood
- b) Informational
 - i. Material Certificates and Tests available for the product:
 - i. CARB Phase 2 / US EPA TSCA Title VI compliant
 - ii. US EPA TSCA Title VI certification
 - iii. PEFC certification (available as PEFC certified. AEN-PEFC-COC-0016)

PART 2 - PRODUCT

1. Description

Sustainable poplar panel with HPL coating for impact resistance. Premium veneers ensure exceptional performance. Balanced construction with a single-piece core veneer. Responsibly sourced from poplar plantations in Spain and France. An eco-friendly solution for high-performance applications.

Exceptional qualities:

- a) Selection of high quality beautiful premium laminate finishes.
- b) Excellent resistance to impact, scratching, and splitting.
- c) Sustainable wood from managed plantations in Europe. Ready to use, save time and money in handling!

2. Properties

- a) Glue Type: Interior
- b) Emissions: CARB Phase 2 / US EPA TSCA Title VI compliant.
- c) HPL laminate

3. Technical features

- a) Density – 26.22-29.97 Lb/ft³ (EN 323)
- b) MOE - 3500-4800 N/mm² (EN 310)
- c) Face screw holding - 135 kgf (EN 320)
- d) Moisture content - 6-14 % (EN 322)

4. Available sizes

- a) Length and width: 48" x 96"
- a. Thicknesses: 1/2", 3/4"

5. Materials:

- a) Composition:
 - i. Finish: HPL
 - ii. Face: poplar
 - iii. Core:
 1. Short grains: poplar
 2. Long grains: poplar
 - iv. Back face: poplar
 - v. Finish: HPL