

Duraply

All-weather plywood

Ultradurable plywood for outdoor use, modified through an innovative treatment that provide the panel with exceptional durability, even after sanding or machining.

Immune to attacks from fungi and xylophages, even outdoors, and without delamination, with a 15-year guarantee.

Available with a decorative HPL/CPL laminate finish of exceptional beauty, very resistant to impact and scratching.

Duraply panels are made of premium single piece core veneers from European sustainable poplar plantations that provide extraordinary lightweight panels making them easy to machine, virtually void-free with no telegraphing, with exceptional bond quality, flatness, stability and machining properties.

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) FSC®: Forest Stewardship Council®
- e) LEED®: Leadership in Energy and Environmental Design
- f) EN: European Norms

2. References Standards

- a) USGBC LEED – Green Building Rating System™

3. Submittals Procedures

- a) Product Data: Ultradurable plywood for outdoor use
- b) Informational
 - i. Material Certificates and Tests available for the product:
 - i. CARB Compliance: Phase 2 formaldehyde emissions certifications
 - ii. US EPA TSCA Title VI certification
 - iii. FSC® certification (available as FSC Mix. FSC-C116880).
 - iv. PEFC certification (available as PEFC certified. AEN-PEFC-COC-0016)

PART 2 - PRODUCT

1. Description

All-Weather Plywood is designed for outdoor use and is exceptionally durable thanks to an innovative treatment. It is resistant to fungal and insect attacks, even in outdoor conditions, and comes with a 15-year guarantee. The plywood offers exceptional surface quality, stability, and ease of machining. Additionally, it is sourced from sustainably managed European tree farms, ensuring its environmental friendliness. Exceptional qualities:

- a) 15-year guarantee against delamination and attacks from fungi and xylophages.
- b) Durability properties remain intact even after cutting or sanding.
- c) Increased outdoor durability. Innovative treatment for the entire panel.
- d) Laminated. Available with HPL/CPL covering.
- e) Responsibility. CARB Phase 2 / US EPA TSCA Title VI certified
- f) Sustainability. Certified fast-growing European tree farms.

2. Properties

- a) 15-year guarantee against delamination and attacks from fungi and xylophages.
- b) Glue Type: Exterior
- c) Emissions: CARB Phase 2 / US EPA TSCA Title VI certified
- d) Face Grade: BB/BB

3. Technical features

- a) Density - 27.47-31.21 Lb/ft³ (EN 323)
- b) MOE - 3400-5500 N/mm² (EN 310)
- c) Face screw holding – 297 Lbf (EN 320)
- d) Moisture content - 6-14 % (EN 322)

4. Available sizes

- a) Length and width: 48.5"x 96.5"
- b) Thicknesses: 1/2", 3/4"

5. Materials

- a) Composition:
 - i. Face: poplar
 - ii. Core: poplar
 - iii. Back face: poplar

6. Storage, usage, and handling

Check the most updated information about the [Good Practice of Duraply here](#).