



TRANSIT DECK PLUS

(Fire plus Decay protection all in one panel)

- ❖ Transit Deck Plus exceeds all recommendations of the American Public Transit Association's standard bus procurement guidelines. It is a specialty plywood panel engineered specifically for transit flooring. It is carefully manufactured to maximize strength and flatness for ease of installation and long lived performance.
- ❖ Transit Deck Plus is pressure treated and impregnated with a special formulation of chemicals ***that provide a unique dual protection against both rot and decay as well as an effective class A interior fire protection rating.*** Testing performed in accordance with industry standards has shown Transit Deck Plus to exhibit exceptional fire performance properties without compromising other critical engineering properties such as strength durability, corrosivity and hygroscopicity. In fact, when compared to untreated wood Transit Deck Plus exhibited superior strength durability and resistance to fastener corrosion.
- ❖ The fire retardant in Transit Deck Plus contains borates and is an EPA registered pesticide. This offers Transit Deck Plus protection from termites and decay fungi.

KEY PRODUCT VALUES

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|--------------------------------------------------|-------------------------------------------------------------------|
| ❖ Manufactured to Maximize Strength and Flatness | ❖ Marine Quality Panel Construction |
| ❖ Independently Tested | ❖ Low Smoke Development Values |
| ❖ Limited Warranty | ❖ Superior Strength Durability |
| ❖ Corrosion Resistant | ❖ Quality Monitored by Independent Inspection Agency |
| ❖ Low Hygroscopicity | ❖ Pressure-Treated (Not Coated) |
| ❖ Highly Cost Effective | ❖ UL Classified (FR -S rated) for Surface Burning Characteristics |
| ❖ EPA Registered Pesticide | ❖ Registered as a Preservative |

APPLICATIONS

- ❖ Transit Deck Plus is used wherever structural panels are needed such as floors and bulkheads. Panels are manufactured to offer excellent wear surface for passenger and cargo uniform or dynamic loads. Flooring material can be effectively and easily fastened or glued to Transit Deck Plus panels.

WARRANTY

- ❖ Lifetime warranty against any manufacturing defects and delamination.
- ❖ Lifetime Warranty against damage as a result of rot or wood eating insects.
(All applications and installation techniques must be approved by GW Industries and on file.)

TESTING AND STANDARDS

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|-------------------------------------------------|-------------------------------------------------|
| ❖ ASTM D3201-94 (Hygroscopicity) | ❖ ASTM D3359-87 (Finish Adhesion) |
| ❖ ASTM D5516-96 (plywood Strength Testing) | ❖ ASTM E162 (Radiant Panel) |
| ❖ ASTM D6305-98 (Plywood Strength Calculations) | ❖ ASTM E84 (Surface Burning Characteristics) |
| ❖ ASTM E662 (Smoke Density) | ❖ AWPA C27-93 (FRT Plywood) |
| ❖ AWPA C20-93 (FRT Lumber) | ❖ AWPA E12-94 (Fastener Corrosion) |
| ❖ AWPA E1-97 (Termite Testing) | ❖ NFPA 255 (Surface Burning Characteristics) |
| ❖ AWPA E6-97 (Hygroscopicity) | ❖ NYS Mod. Pittsburgh Protocol (Smoke Toxicity) |
| ❖ UL 723 (Surface Burning Characteristics) | ❖ BSS 7239 (Smoke Toxicity) |
| ❖ ASTM E1354-97 (Oxygen Consumption) | ❖ ANSI/TPI-1995 (Truss Plate Withdrawal) |
| ❖ ASTM D5664-95 (Lumber Strength Testing) | |

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Providing Solutions for Today's Panel Needs