



Fire Rated



PLUMA-PLY™ FR

ASTM E-84 CLASS A FIRE RATED
EUROPEAN POPLAR CORE
HARDWOOD PLYWOOD

Designed for use in commercial interiors or other applications where improved resistance to fire is required

European Quality Built to American Standards



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During manufacturing each individual layer of core veneer is treated for fire resistance prior to the final assembly of the plywood panel which provides flame-retardant properties throughout the board. Unlike surface flame retardant coatings, the flame retardant properties of PLUMA-PLY™ FR aren't compromised when the panel is machined or sanded.

PLUMA-PLY™ FR is the ideal product for interior applications that require a fire certified Class A veneer core product and where certain indoor air quality requirements are specified. PLUMA-PLY™ FR is surface sanded before leaving the factory to help prepare the panel for painting or laminating. Final surface preparation is the responsibility of the fabricator or end-user

Ideal Applications

LEED® Projects, Schools, Libraries, Hospitals, Theatres, Offices & Museums

Painting/Laminating

When choosing a coating or laminate system, confirm compatibility of the paint, laminate or adhesive with the respective manufacturer and ensure the Class A flame spread classification of the PLUMA-PLY™ FR panel will not be adversely affected

PLUMA-PLY™ FR is PEFC Certified

FSC® certified available on request

Product suitability for a particular application is the responsibility of the fabricator or end user

All panels are approved for use in interior, non-structural applications

Thicknesses available from 1/4" to 1". Other thicknesses, dimensions and core constructions available on request

Panel dimensions available up to 6'x10"

Lightweight - 3/4"x48.5"x96.5". Panel weighs approximately 55 lbs (15% lighter than typical 3/4" veneer core panels from North American manufacturers)

CARB Phase 2 Certified (TPC-4)

"J" Grade outer layers for a smooth, void free surface perfectly suited for overlay of hardwood veneers or other decorative surfaces

Class A test results from ASTM E-84 Standard Test for Surface Burning Characteristics of Building Materials available on request



USAGE NOTES Some laminates and coatings applied to PLUMA-PLY™ FR may change the flame spread rating. • Standard available woodworking glues have been successfully used in lamination. • Any adhesive should be tested for compatibility with the chemical system in PLUMA-PLY™ FR prior to full-scale gluing. Questions should be directed to the glue supplier. • Wood veneers and other laminates should be tested for compatibility with PLUMA-PLY™ FR prior to use. Some wood veneers, laminates, and other types of products may have reactions to surface coatings and finishes, glues, pressing temperatures, moisture, contaminants, the chemical systems used to manufacture FR products,

the failure to use UV inhibitors or due to other causes. Reactions may include discoloration to veneer or laminate. Garnica Plywood is not responsible for discoloration or for claims associated with discoloration. Please contact your Sales Representative for more information.

LIMITATIONS PLUMA-PLY™ FR should be specified for interior, non-structural use only and is not intended for use in exterior applications or damp conditions.

STORAGE AND HANDLING PLUMA-PLY™ FR should never be stored or used outdoors. The indoor storage area should be clean, dry, well-

ventilated, and free of dust, dirt or particles that could contaminate the plywood. Store flat on tiers on a level, hard surface. Constant relative humidity and temperature should be maintained. Before use, allow to stabilize to the same conditions as are expected after the panel is installed. Condition 48 to 72 hours prior to lamination.

CALIFORNIA PROPOSITION 65 REQUIREMENT Warning: Drilling, sawing, sanding or machining wood products generates wood dust, a substance known to the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection.

Distributed by

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Innovating Sustainable Solutions