



 **TRIFLEKTA FR**™
CLASS A FIRE RETARDANT BAMBOO



From TRINITY INNOVATIONS – a completely fire retardant solid bamboo, suitable for interior or exterior, structural and decorative architectural applications.

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Trinity Innovations, in conjunction with Colombian based Best Bamboo, is excited to introduce TriFlekta FR™ - a Class A certified solid bamboo pole using a revolutionary infusion process.

Bamboo has long been prized as a rapidly renewable resource that has an incredibly high strength to weight ratio. Because bamboo regenerates itself and grows to maturity in 4 - 5 years, it is highly sustainable and good for the environment.

The bamboo species we use for TriFlekta FR is *Guadua angustifolia* from the forests of Colombia. *Guadua* is widely recognized as the strongest of all timber bamboo species and because we grow our own - we know that the bamboo groves are managed in a responsible and sustainable way. FSC™ certification is pending.

Controlling all aspects of the manufacture of TriFlekta FR, you can be assured of the highest quality and consistency.

Architects, designers and contractors now have a sustainable solution when creating tropical themes where fire safety is required. Specify TriFlekta FR Bamboo.

Trinity Innovations - Exploring the Possibilities

TRIFLEKTA FR uses a proprietary technology to infuse solid bamboo poles with a special treatment process that creates very high fire resistance throughout the bamboo pole.

TRIFLEKTA technology won't wash off or wear away.

Applications include half rounds for wall and ceiling coverings and full rounds for structural configurations or other decorative uses, indoors or out.

TRIFLEKTA FR has been tested to the highly stringent ASTM E-84 25 foot tunnel test.

Class A Fire Rating with a 10 Flame-spread and Smoke Index 185

Available in 3" - 6" Diameters (75 - 150mm)

Lengths in 8', 10' and 16' (2.44, 3 and 5 meters)

Proprietary process adds fungus, mold and insect resistance for long-term exterior durability.

Includes a clear coating for excellent resistance to UV degradation and protection against color change from exposure to sun and weather.

Ideal for use in high use areas such as theme parks, resorts and zoos with minimal maintenance required.