

THE **DURATRAC** GROUP

Innovation, Strength, and Precision
– Built for Every Event

Twice the Innovation, One Vision.



The Future of Flooring



EVENT CONCEPTS

Integrity of Steel.
Ingenuity of Design.

The Atlys BEAMM™ system represents a significant advancement in flooring solutions, particularly for temporary structures such as tents, scaffolding, and elevated platforms.

Engineered using proprietary Pultrusion Technology, this Fiber Reinforced Polymers [FRP] system offers exceptional strength, stiffness, and resistance to chemicals and fatigue, ensuring safety and stability in various applications. Designed and stamped in the USA, the Atlys BEAMM™ system is available with engineering support upon request.

Why Fiber Reinforced Polymers?

FRP is an engineered composite material made up of polymers reinforced with fibers such as glass or carbon.

Incorporating FRP into the Atlys BEAMM™ offers environmental and operational benefits.

SUSTAINABILITY

FRP is a sustainable product with a low carbon footprint, producing no VOCs, Volatile Organic Compounds, and saving trees.

EFFICIENCY

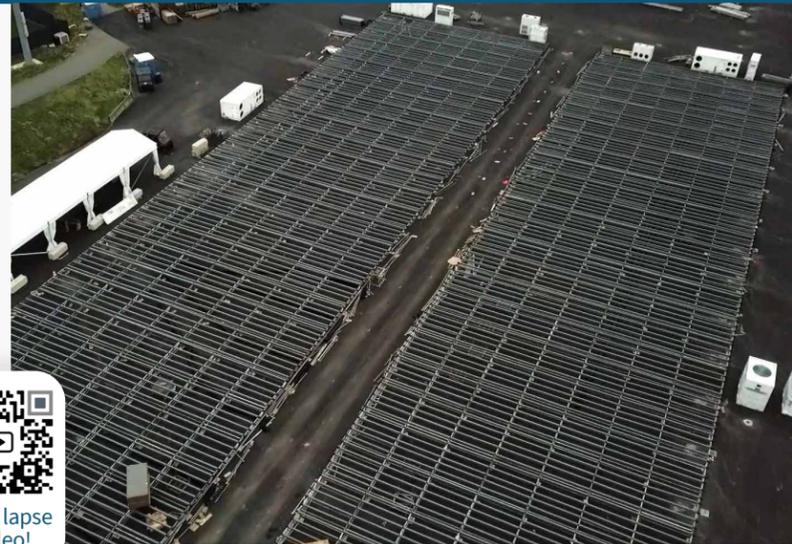
The lightweight nature of FRP allows for more product delivery with less weight, reducing fuel costs and emissions.

DURABILITY

FRP is water impermeable, insect and corrosion-resistant, and fire-rated and certified, ensuring a long lifespan of over 50 years.

COST-EFFECTIVENESS

FRP's high strength-to-weight ratio leads to lower labor, operational, and storage costs.



Standard 10ft BEAMM. Ask about custom sizes from 2-20ft

Time is Money, and We Save You Both!

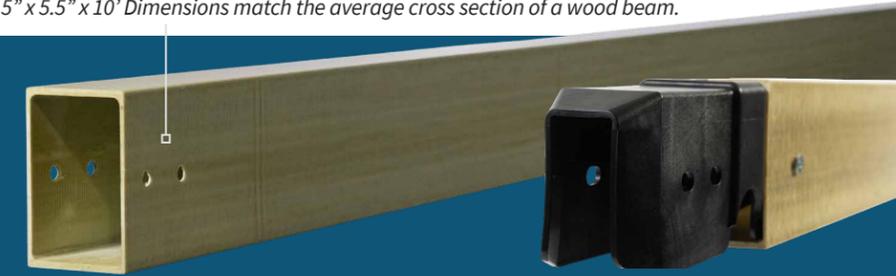
Lightweight. Less space. The Atlys BEAMM improves time, labor and freight costs compared to timber beams.

TESTS	FRP	<<< TIMBER
Strength	150 lbs+ per sq ft	100 lbs per sq ft
Electrical Conductivity	Non-Conductive. High dielectric capability. Anti-static property.	Can be conductive when wet.
Weight	10 ft PC = 25 lbs.	12 ft PC = 52-65 lbs
Thickness	3.5" w/.219" wall X 5.5" w/.125" wall	Solid
Color	Pigments added to resin provides even color.	Needs to be primed, painted & repainting may be required after years of use.
Longevity	50+ years	3-5 years
Fire Retardancy	ASTM E84 Class II	ASTM E84 Class III



RASI Connector™ is engineered to exceed the weight and stress exerted on it from above.

The ATLYS BEAMM™ 3.5" x 5.5" x 10' Dimensions match the average cross section of a wood beam.



RASI Connector™

Stability & Strength

The Atlys BEAMM™ system delivers unmatched strength and stability through its innovative interlocking beam-to-truss technology, eliminating the need for staggered wood beams or plywood joints. This streamlined design simplifies the setup process while ensuring a secure and reliable flooring foundation.

A key feature is the RASI Connector™, which supports up to 150 lbs per square foot across the span from beam to connector over the truss. Working seamlessly with the Atlys BEAMM™, this connector provides superior flooring support, effectively eliminating the risks associated with floating floors.

Performance

The system is designed for peak performance, connecting to the truss while integrating seamlessly with existing wood beam inventory for installations. Its advanced design ensures exceptional reliability, whether used for elevated setups or ground-level applications, delivering unmatched adaptability without requiring a full FRP conversion.



Frieze Art Show!



Experience the ultimate synergy of innovation and durability...



ELEVATED SYSTEM scaffold with Dura-Trac on top of our Atlys BEAMM system

BEAMM® + Dura-Trac™

Combine the speed and ease of installation with unmatched durability and strength, our Dura-Trac® Panel, 2.75" thick is designed to withstand up to 25,000 lbs/ft² on bearing ground, and supports over 450 lbs/ft² when elevated with the appropriate beam spacing also check with your understructure or scaffold provider for load capacities.

Our Atlys BEAMM™ with a high strength-to-weight-ratio, is lightweight, provides a UV-protective surface, is water-impermeable, resistant to insects and corrosion and boasts a high class fire-retardancy.

Simply lay the polymer BEAMM™ and top it with Dura-Trac® for a solid foundation, whether on elevated scaffolding or ground applications. Together, these materials offer superior durability and longevity compared to traditional wooden alternatives.

HDPE and FRP materials have a significantly LONGER LIFESPAN compared to their wooden counterparts.

Elevated or Ground System

Atlys BEAMM™ provides a more trusted base than wood beams. Ensuring higher stability and load-bearing capability for elevated or ground level use. Its FRP construction adds durability without excessive weight, making it suitable for any temporary platform.

Atlys BEAMM™

10ft PC = 27 lbs
Lasts 50+ yrs
Strength=150lbs sq ft

Wood Beam

12ft PC = 52 lbs
Lasts 3-5 yrs
Strength=100lbs sq ft



GROUND APPLICATION with Dura-Trac on top of our Atlys BEAMM system.

...Dura-Trac® panels and Atlys BEAMM™ working together.



Dura-Trac® panels, paired with the Atlys BEAMM™ system, create an elevated event venue space on challenging waterfront beach terrain. This combination ensures a stable, durable foundation while accommodating uneven surfaces and elevation changes.

Trusted for high-traffic events, The Atlys BEAMM is also used on many golf tournament structures including LIV Golf, PGA, Waste Management Open, Honda Classic, Arnold Palmer Invitational and others.

A 12,000 sq. ft. venue was built at a private residence for a 3-day wedding. The elevated floor was constructed without wood, the use of FRP BEAMM and HDPE Dura-Trac panels combined sustainability and innovation to create a secure and stable foundation for this special event.



Special thanks to Blue Peak Tents, Premium Tent and Event Rentals serving Chicagoland, for allowing us to film the build of this project.