

Modern Structures for a Modern World



paragon
STRUCTURES

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In partnership with



A Better Way to Build

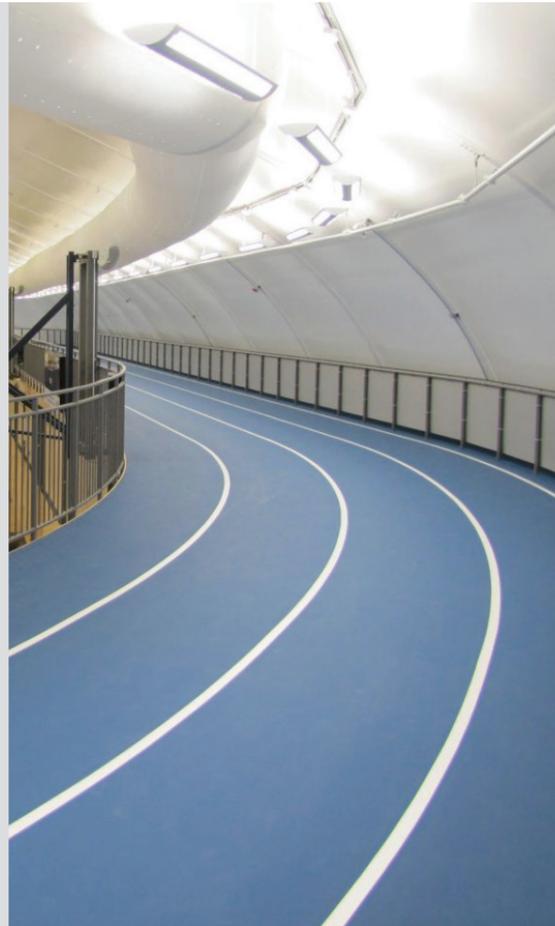
Paragon Structures is a UK business focused on developing state of the art facilities, with a primary focus on sports and education. We are deeply passionate about delivering modern and environmentally friendly solutions at a fraction of the cost of the conventional methods employed by many building sectors. Whilst our focus is on sports and education, we have a number of solutions that can fit almost any facility-based need.

Paragon Structures is the UK partner of Sprung Instant Structures Ltd. The experienced Paragon team will take your project from vision to reality by meticulously managing the process from the first conversation, through to the handover of your keys.



Environmental Facts

- 'Daylight Harvesting' Combines Natural Light Transmission with Computer Controlled Artificial Lighting Systems**
- Enhanced Airtightness and Fibreglass Insulation Blanket Creates a High R (Low U) Value That Results in an Extremely Energy Efficient Structure.**
- Dramatically Reduce Energy Costs While Enjoying the Benefits of Natural Light**
- UK BREEAM Rating of Excellent**
- Little to No Construction Waste Going to Landfill. Pre-Engineered Solution Utilises Every Component Shipped to Site**
- Fabric & Frame 100% Recyclable and Re-Useable**



Sport and Education

A Paragon structure is the perfect solution for sports centres, pools and indoor health and wellbeing facilities. Our structures provide a better return on investment because of our lower construction costs, quick build capabilities and sophisticated interior environment for large recreational needs. The structures' bright spaces provide a natural setting for activity in all seasons, while an energy-efficient insulation package means comfortable climate-controllability, higher air quality and lower overall operating costs than most conventional sports facilities.

Swimming pools

A Paragon structure is an ideal solution for swimming pools. With an aluminium substructure that's engineered to resist rust and corrosion by design, Paragon structures are durable and adaptable to any environmental conditions. Our specially designed pool encapsulated insulation system performs extremely well in high humidity environments, while our translucent daylight panels and specially designed roll-up 'Solar Lite' doors add natural daylight, which enhance the overall swimming experience. A cost-effective and higher quality alternative to traditional pool enclosure buildings, Paragon Structures provides an immediate solution to any education centre or community looking to add year-round access to their pool facility.

Education

Paragon structures are ideally suited to the educational sector. Suitable for a multitude of uses, from classrooms to sports centres, swimming pools to drama, music and theatre halls, Paragon has a significant focus on education.

With rapid construction and a guarantee longer than most conventional structures, we are the optimal choice for schools, colleges and universities. Our cost-effective solutions make your budget go further and working with our partners, Paragon Structures can create facilities that will significantly surpass your expectations.

Paragon Structures' other areas of expertise include aviation, ports, marine, oil, gas and mining; please visit our website at www.paragonstructures.com for further information on these sectors.

Key Facts

- Significantly Reduced Design and Build Times (Typically 3-9 Months)**
- Cost Savings Can Be 50% Of Conventional Structures**
- Significant Cost Savings or Increase Scope for Same Budget**
- Reduced Running and Maintenance Costs**
- Durability and Strength**
- Full Project Management and Single Point of Contact**
- Leading Educational Architect**
- Paragon Can Advise on Internal Fit Out Through to External Pitches**





The Technology

Our business partner, Sprung Instant Structures Ltd, developed their patented, advanced tensioned membrane technology over a century ago. Sprung's modern, relocatable, clear-span membrane structures allow for rapid construction, total design flexibility and fundamental cost-effectiveness of almost any type of construction. The reliability and durability of their performance architectural membrane structures is demonstrated worldwide, in countless applications ranging from sports and activity structures, oil and gas buildings to military barracks, event centres to arenas, and aircraft hangars to mining camp buildings. Sprung membrane structures provide a rapidly buildable, customisable and easily relocatable solution for any project.

Unbeatable membrane structure performance

All Sprung membrane buildings are made from extremely high quality materials and individually tested using strict performance measures. Sprung's tensioned membrane structures have proven durability in some of the most extreme climates on earth, from the hottest desert to the windiest arctic tundra and coldest mountain highland.

- Sprung membrane buildings meet the strict Hurricane Compliance Code.
- The only building left standing in Buras, Louisiana after Hurricane Katrina in 2005 was a Sprung membrane structure.

Customisable for beautiful, enjoyable spaces

Beyond the technical advantages of a Sprung tensioned membrane structure, its beautiful interior space creates an abundance of light and roominess. Natural daylight, high ceilings and unique windows and doors create depth and spaciousness, and glazing walls add to the open and inviting characteristics of our ultra-functional custom membrane buildings.

Quality, energy-efficient membrane structures

A technical consultant is on-site throughout assembly to monitor every project, ensuring quality is never compromised and each tensioned membrane building is made to our rigorous high standards. Sprung membrane structures have an R-25 to R-30 energy efficiency rating, which outperforms other types of construction and results in less environmental impact and lower operational costs. Additionally, there is almost no air leakage, thanks to their unique design and premium insulation.

Sprung's tensioned membrane structure advantage

Manufactured in ISO 9001:2008 certified, state-of-the-art factories, each Sprung tensioned membrane building can be customised to your specifications and design requirements. Because every Sprung membrane structure has a modular design, it can respond to immediate relocation requirements. With over 2 million sq. ft. of inventory on hand, we can help businesses expand to new markets quickly.

Current Projects

Paragon Structures are excited to announce plans for new indoor Golf and Cricket Centres at Millfield Senior School. Planning permission has been granted and the new facilities will be completed in early 2019.

The Millfield Golf Centre will include a 9x9 square metre putting green with slight slopes, eight indoor practice nets, two of which will allow golfers to drive from within the building out onto the adjacent course using roller shutters, an interactive GC Quad Launch Monitor and Sky Trac simulation software.

The Millfield Cricket Centre will enable the school to practise all the year round, at all times of day. It will also encourage independent practice, which is key in the development of high performance cricket. The Centre will feature new PitchVision technology on three lanes, a state of the art 4G fielding area, three adaptable bowling and batting surfaces, as well as five nets and an expansive 22 metre run-up.



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