



paragon
STRUCTURES

THE NEXT GENERATION OF SUSTAINABLE SPORTS FACILITIES

ABOUT US

Paragon Structures specialises in the design and construction of high-performance indoor swimming centres and sports facilities.

Whether you want to transform your outdoor pool into an indoor facility, modernise your existing pool or build a new indoor pool centre, we will deliver a cost-effective, environmentally-friendly solution tailored to your needs.



LOWER CAPITAL COSTS

Up to 50% saving on traditional construction



FASTER BUILD TIMES

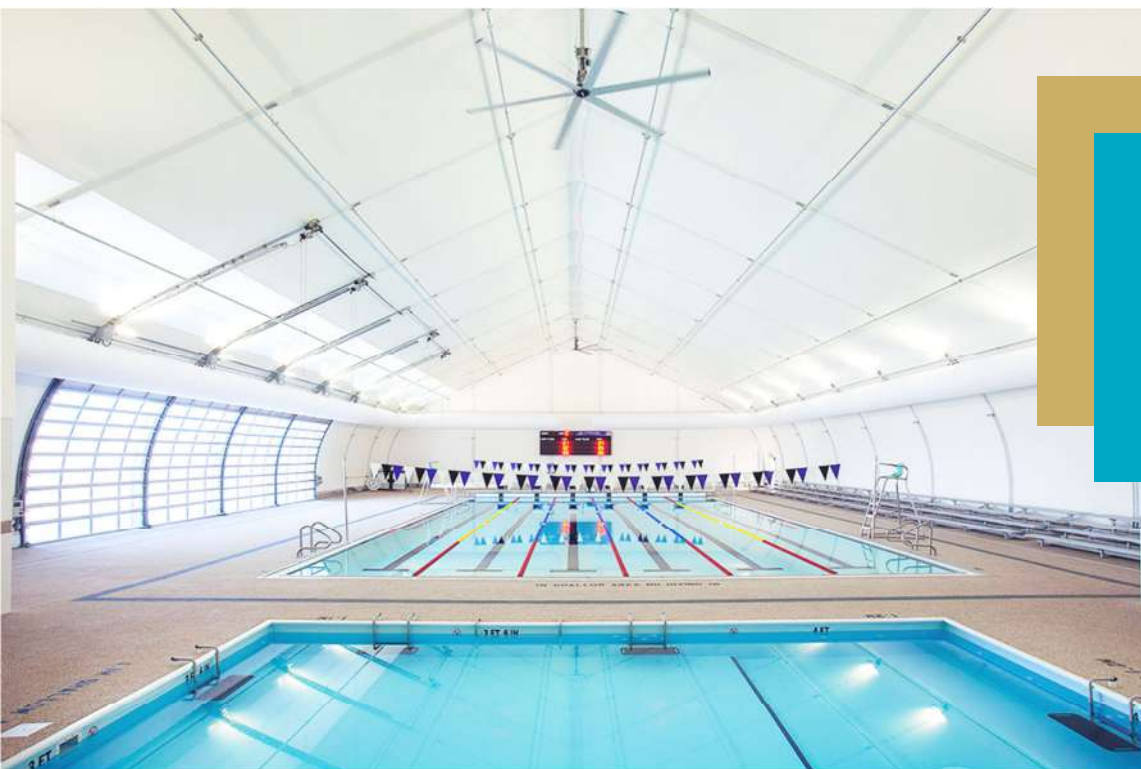
Offsite manufacture minimises disruption
Typical structure erected in 7 weeks
Full construction programme of 6 to 9 months



"Paragon Structures have taken our facilities to the next level. I'm blown away by the results. Compared to traditional construction, Paragon's solution was unbeatable; we essentially ended up with two new buildings for the price of one and all delivered in just seven months from start to finish."

NEIL CHAPILLON
HEAD OF ESTATES AT MILLFIELD SCHOOL





LOWER OPERATING COSTS

Exceptional thermal performance and minimal maintenance requirements



SUPERB INTERNAL ENVIRONMENT

Bright, clear-span interiors with excellent acoustics



NET ZERO READY BUILDINGS



SUPERIOR AIRTIGHTNESS

Our exceptionally airtight structures minimise heating and cooling needs, cutting carbon emissions and energy costs.

Airtightness rating of $<1.0\text{m}^3/\text{h.m}^2$ at 50 Pa, 8 times better than building regulations requirements and approaching Passivhaus levels.



EXCELLENT INSULATION

Highly rated insulation minimises heat loss through the building fabric decreasing energy usage, carbon emissions and improves thermal comfort.

Building U-values of $< 0.16 \text{ W/m}^2\text{K}$ significantly exceeds building regulation requirements.

Energy Performance Asset Rating

More energy efficient

A+

A 0-25

B 26-50

C 51-75


D 76-100

E 101-125

F 126-150

G Over 150

Less energy efficient

Net zero CO₂ emissions
 **16** This is how energy efficient the building is.



SOLAR PANELS

Our specially designed solar panel system allows you to generate energy onsite resulting in lower electricity costs and lower greenhouse gas emissions.

The perfect roof angle and large surface area maximise solar energy generation.



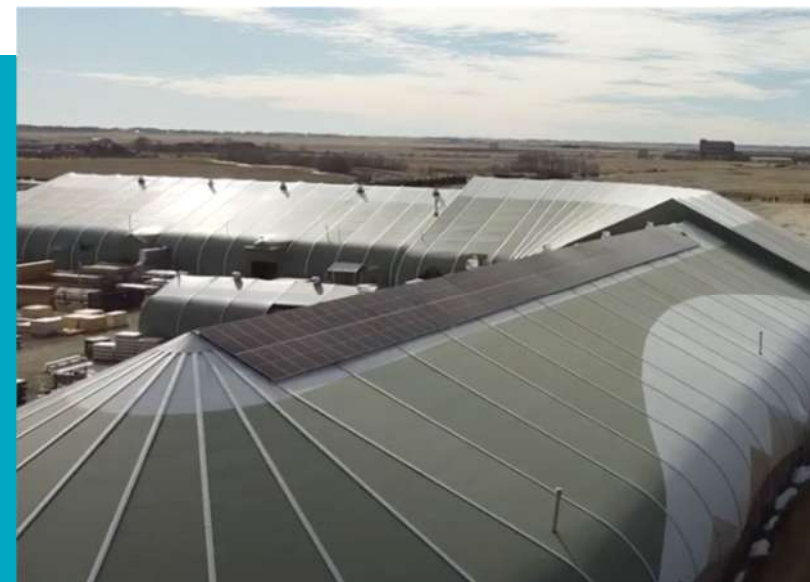
ENERGY EFFICIENT LIGHTING AND HEATING

LED lighting reduces energy consumption, improves light quality and reduces maintenance.

Air source or ground source heat pumps maximise heating and cooling efficiency.

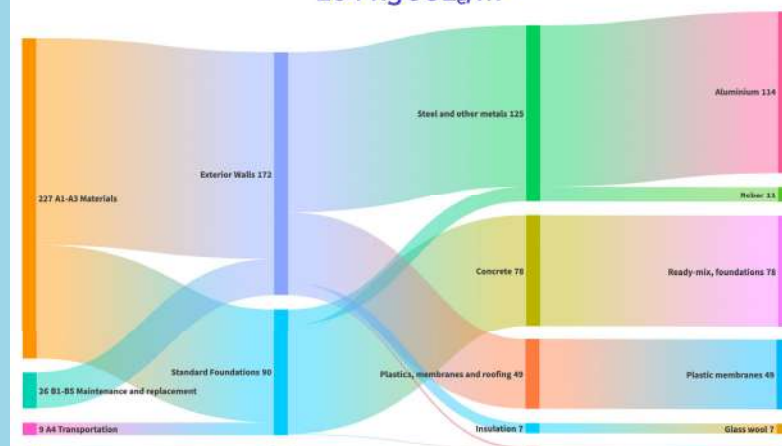


LOW EMBODIED CARBON
25% better than LETI 2030 Schools
Target of 350kg CO₂/m².



Global Warming Potential - Intensity

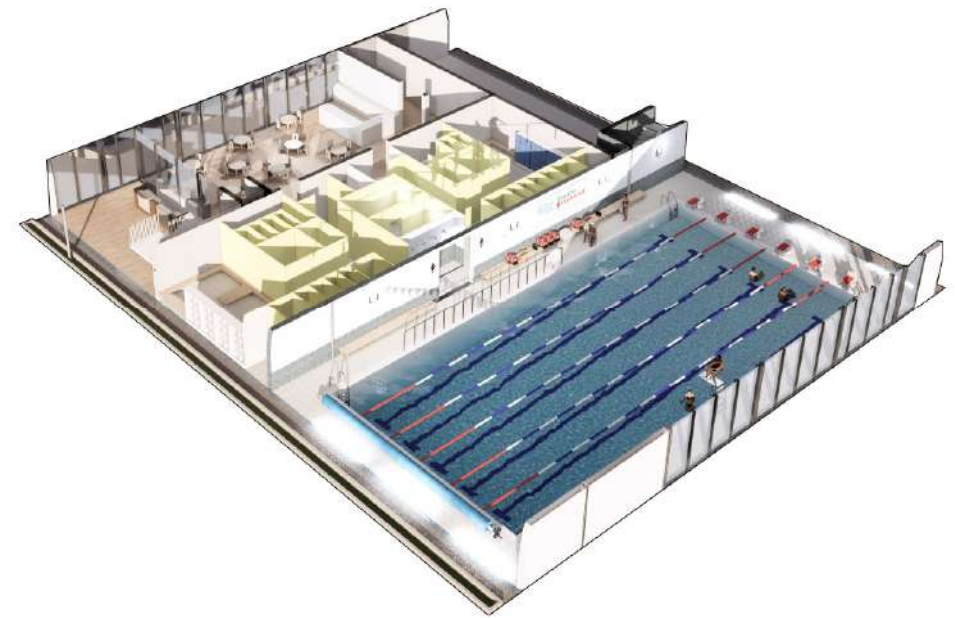
264 kgCO₂e/m²



IN PARTNERSHIP WITH SWIM ENGLAND



In partnership with Swim England we have created an innovative swimming centre design. Combining our expertise with Swim England's sector knowledge, the design provides a state-of-the-art swimming experience that sets new industry standards and delivers affordable capital costs and operating costs.



OUR OTHER OFFERINGS

Paragon can help you develop a full range high-performance sports facilities, including sports halls, multi-sport centres, cricket facilities and racket sport complexes.

Our expertise and award-winning construction methods deliver cost-effective, environmentally friendly solutions, tailored to your sporting needs. Our bright, clear span, high ceiling structures provide an elite sporting environment.

Our structures can also accommodate complimentary facilities including changing rooms, classrooms, gyms and viewing galleries, providing a complete approach to your sports facility project.





"The number of swimming pools in UK is declining rapidly ever year and I have been looking for ways to replace our lost pools for future generations of swimmers.

Paragon pool centres are quick to build, cost effective and environmentally friendly. They are the perfect solution."

SHARRON DAVIES MBE



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OTHER PARTNERS

SPRUNG – 13,000 structures in more than 100 countries, Sprung design and manufacture all our structures, ship to site and even supply the engineer who oversees construction to your exact design.



CONTACT US

Please get in touch to see how we can help you create sustainable sports facilities.

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