excellence in engineering

Indoor Sports Facilities

BUILDING SYSTEMS
"The Rubb training facility is fantastic. It is currently being used by the Academy youngsters and has been described as the best indoor football training facility at club level in the UK. The Rubb team stepped outside their comfort zone in terms of the overall finish of the building, which shows the diversity of the product and service that Rubb provides."

Peter Weymes | SAFC Facilities Manager

"We find one of the strongest facets of the building is its versatility. It facilitates a wide range of sports: athletics, tennis, badminton, volleyball, netball and basketball. Meadowbank Multi Sports Arena is now seen as a regional and national facility."

John McClaughlin | Chief Executive Officer of Magherafelt District Council

"The indoor beach volleyball facility was used as an Olympic training venue. LeAF Campus hosted men’s and women’s international teams from Brazil, Greece, and Great Britain. The courts provide three full size match courts or four training courts and the international players believe it to be one of the best purpose built facilities in Europe."

Annetta Minard | Executive Headteacher

"We love our Rubb building! It has taken weather out of the equation and catapulted our tennis program to new heights."

Brian Hogge | Tennis Director, James River CC
Rubb’s innovative indoor sports facilities are custom designed, flexible and cost effective - an affordable building solution to meet your sporting needs.

Rubb Building Systems has been pioneering the design and manufacture of permanent and relocatable fabric engineered buildings since 1968.

Rubb custom designed and engineered sport facilities provide operators with clearspan space perfect for multi-use sport buildings. Rubb can also design specific use structures for tennis, volleyball and equestrian activities. Rubb’s translucent roofing systems provide an internal light and airy atmosphere, effectively bringing the outdoors under cover, protecting players from the elements.

Rubb indoor sports facilities provide many benefits including design and planning flexibility, rapid installation, superior structural performance, minimal maintenance and low life cycle costs.

Insulate your sports building with Rubb THERMOHALL®

Rubb’s unique and patented Thermohall® insulation system delivers many cost effective and eco-friendly benefits ideal for both colder and warmer climates. Insulation can be provided in various thickness’s providing R-11 up to R-35 insulation values.

Thermohall® cladding consists of a flexible external PVC layer and an internal PVC layer, which encapsulate a series of air tight PVC ‘pockets’, each featuring a non-combustible glass wool insulation core. The insulated panel system provides a full vapor seal, which minimizes thermal bridging and reduces infiltration losses. The environmentally controlled structure helps facilitate air conditioning systems and internal heating.
Efficient Use of Space
Steel frame system allows for cost-effective clear-span space and high vertical walls to suit customers' needs. We offer a variety of span profile shapes and door system options.

Unique Fire Safety Features
PVC-coated polyester membrane will not propagate flames or sustain combustion when exposed to a fire. The structure is self-venting, allowing heat and smoke to escape.

High-Quality Membrane
High-strength, heavy-weight PVDF coated architectural membranes from proven suppliers. Many structures are still in use 30 years after installation.

Code-compliance
Rubb buildings are designed to full code compliance with respect to wind and snow loads. No shortcuts, safety is our first concern.

Suitable for Difficult Sites
The flexible membrane and steel frame design of a Rubb building allows installation on uneven or sloping sites. The buildings will also accept moderate differential settlement of the foundations.

Complete Environmental Control
The membrane cladding of a Rubb building is continuously sealed to provide a weather-tight shell. The buildings can be insulated, heated or air-conditioned as required.

Insulation Options
Rubb's patented Thermohall® features a flexible insulated fabric system which offers major advantages over other insulating systems.

Architectural Design Options
Rubb works with numerous reputable sport building architectural firms to incorporate Rubb structures with the customers' desired architectural appearance.
Advantage Points

Low Maintenance / Low Costs
Our high-quality membrane materials and post-production galvanized welded frames deliver durability over time, making the cost of maintaining Rubb buildings more economical compared to conventional structures.

Energy-Efficient Roof Membranes
Translucent membranes allow natural daylight to illuminate the playing area, while the white roof surface reflects heat. Optional Thermohall® insulation minimizes heat transfer, prevents condensation and virtually eliminates thermal bridging and air infiltration.

Rapid Design, Construction & Installation
Rubb buildings can be quickly designed and erected due to module pre-fabrication. Rubb can provide site supervisors or fully dedicated construction teams to complete any custom project.

Customizable Features
Buildings can accommodate all types of doors, ventilation and equipment to safely support a wide variety of field and court sports such as football, hockey, lacrosse, basketball, volleyball, gymnastics and tennis.

Multiple Use
Rubb indoor sports facilities can function as one large playing area or be sub divided into smaller areas for younger age groups or training programmes. Sport surfaces can be divided using moveable rebound walls, nets or more permanent dividers.

Comprehensive Long-Term Service
Rubb personnel are on hand to provide help and support, from initial contact to quotation, installation and beyond. Rubb’s commitment to customer service continues after project completion and forms the basis for long-term customer satisfaction.

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Completed in April 2017, Rubb constructed a 125ft (38m) X 226ft (69m) BVE to house indoor tennis courts for the James River Country Club in Virginia. 

The structure is equipped with indirect LED lighting for evening play and has a translucent PVC roof to allow plentiful daylight for daytime play. The indirect LED lighting reflects off the white PVC to reduce glare and to create near perfect playing conditions. State of the art USTA approved blue courts with green boundary areas replicates tournament tennis facilities. Advantage Rubb!

After discussing the custom needs of a client in eastern Massachusetts, Rubb was able to apply experience, skills and innovation to design and construct an 80ft (24m) span x 200ft (61m) long x 19.7ft (6m sidewall) BVE structure. This highly customized project houses an equestrian training facility.

Translucent PVC roofing, a lighting system and numerous windows create an outstanding atmosphere for all-season equestrian training and performances. The exterior of the buildings is clad with wood paneling to give the building a traditional look and feel.
Rubb USA was tasked by Acton School in California to design and manufacture an indoor court facility for volleyball and basketball. To accommodate these sports Rubb supplied a BVE structure measuring 100ft (30.5m) x 116ft (35m) with a leg height of 16.4ft (5m).

The custom designed turnkey solution came equipped with our Rubb sports package, including basketball goals, scoreboard, bleachers and court surface.

Newcastle United FC of the English Premier League contracted Rubb to design and build an indoor training center for their football club and academy.

The 220ft (67m) X 295ft (90m) buildings houses a full sized indoor pitch and was designed with enough headroom for free kicks and throw-ins. This Rubb football building was tailor-made to Newcastle United’s own specifications and requirements, while falling in line with local planning regulations.