Football

Innovative fabric buildings

BMT GROUP

Official Representative Of

RUBB Building Systems

Rubb create indoor football buildings to provide the best training environments for all levels of sports teams.

Rubb has applied decades of experience in design to create indoor football buildings which provide indoor training environments for all levels of sports teams, from youth amateur to professional leagues.

Highlights include bespoke indoor football training facilities for Premier League clubs Newcastle United and West Bromwich Albion. Meanwhile an exciting academy project for Sunderland AFC showcases Rubb's widest ever clear span sports structure to date.

The custom design flexibility, speed of on-site construction and cost effective operation of Rubb indoor football facilities can help your club meet its goals with a competitive edge.

Advantages

Low maintenance and 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 workspace while the white roof surface reflects heat. Thermohall® insulation can minimise heat transfer, prevents condensation and virtually eliminates thermal bridging and air infiltration.

Structure quality

All structures are code complaint, designed to meet wind and snow loadings of its geographical location. Rubb PVC fabric cladding has a manufacturer's warranty of 10 years. Steelwork is hot dip galvanized in post production to eliminate any chance of corrosion, and comes with a 25-year warranty.

Multiple door options

Rubb offers a variety of different hangar door solutions. They can be selected and designed to suit many size and opening requirements. This flexibility ensures that our clients get the best option for their selected Rubb building type, depending on their operational needs.

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. Rubb structures are uniquely suited for use as dehumidified facilities.

Reduced time on-site

Our established supply chain streamlines coordination of delivery and installation. Pre-fabricated elements and the ability to construct our buildings in a variety of weather conditions speeds up the construction process.

Rapid construction, installation, and relocation

Rubb buildings can be quickly erected, dismantled and relocated due to module pre-fabrication. Rubb can provide site supervisors or fully dedicated construction teams to complete any custom project. Structures are transportable by land, sea, and air.

Flexible and cost-efficient foundation systems

Rubb buildings can accommodate many foundation options such as concrete up-stand, ballast weights, and ground anchors into an existing surface. Rubb co-ordination with the groundwork contractor is key for the client to reach the most cost-effective solution.

Customisable features

Hangars can accommodate all types of door, ventilation and other systems. They can safely support high loads imposed by overhead cranes, ceiling-mounted HVAC and fire-suppression systems, fall-protection equipment and other superimposed loads.

Comprehensive long-term service

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

Sunderland AFC

Sunderland, UK

Type
BVC

Span
82.4m

Long
65m

Eaves
7.7m

Apex
12.2m

Door
RSD

This bespoke football training facility features Rubb's largest sport building span width to date at 82.4m. The facility measures 64m long with sidewalls of 7.75m and a central internal clearance of 10m high.

The structure stands 12.5m high at its apex and comprises a galvanized steel frame, a white PVC clad roof, a large gutter system, a Fullflow syphonic drainage system and four large vent roof cowls along the apex.

The translucent roof allows natural daylight to illuminate the interior which includes a full size indoor 3G football pitch. The sidewalls and gables are constructed with stone filled gabion cages up to 3.8m high with the upper part clad with Larch timber.

It 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 country. Rubb provided a solution that is bespoke to our requirements. The company's flexibility facilitated changes in the overall facility footprint and height in accordance with planning conditions.

SAFC Facilities Manager
Peter Weymes

Newcastle United FC

Newcastle, UK

Type
BVL

Span
67m

Long
90m

Eaves
6m

Apex
12.2m

Door
RSD

Rubb Buildings Ltd's design team proved to be in a league of their own after completing the Newcastle United indoor training facility.

Academy development players, as well as members of the first team, have been able to use the building to train in perfect conditions whatever the weather.

Rubb Buildings Ltd first approached Newcastle United with the idea of using a Rubb indoor football training facility after hearing that the club was looking for an indoor training centre as an integral part of its football academy. After discussing proposals for the building the client was impressed with what Rubb UK could offer and invited us onboard to complete the project.

The 67m span by 90m long building houses a full sized indoor football pitch and is located at the club's training centre in Longbenton, Newcastle.

NUFC needed an area that was large enough to hold a full sized pitch and high enough to provide headroom for throw-ins and free kicks. In addition the building needed to be in place within a fairly short time-frame.

Coventry City FC

Coventry, UK

Type
BVE

Span
42m

Long
69m

Eaves
7.5m

Apex
14.6m

Door
RSD

As part of major improvements to the Alan Higgs Centre for Coventry and Warwickshire Awards Trust (CAWAT), Rubb UK has supplied a state-of-the-art 47.5m wide x 67m long football training facility, which will be used by the local community, schools and Coventry City Football Academy.

The Rubb super structure is designed to accommodate a FIFA standard 60m x 40m football pitch with a run-off perimeter. This is surrounded by 2.4m high internal rebound boards and a divisional and ball stopping netting system. The pitch specification is the latest SISTurf Soccer Pro 50 synthetic including 15mm insitu shock pad, creating the best surface and training environment to help bright young stars to progress.

The facility will provide academy players with the opportunity to practice in a fantastic facility, the design and build is really impressive, and we have already enjoyed working in the indoor over the last few months. A big thank you must also go to the Coventry and Warwickshire awards trust for developing this outstanding facility.

CCFC Academy Manager
Richard Stevens

West Brom FC

West Bromwich, UK

Type
BVC

Span
70m

Long
105m

Eaves
7m

Apex
14.9m

Door
RSD

Rubb won this contract following an extensive tendering process and went on to provide a turnkey indoor football training facility large enough to accommodate a full size football pitch.

Rubb rose to the challenge and provided an indoor football training building measuring 70m wide by 105m long with sidewalls of 7m. Rubb's use of an I-beam column leg system as an alternative to lattice truss construction maximises the internal playing area.

The PVC coated polyester membrane cladding flies the club colours of dark blue and white and the translucent roof provides a bright and airy atmosphere. This helps reduce energy costs as artificial lighting is not required during the day.

Brook Leisure Centre

Belfast, Northern Ireland

Type
BVE

Span
30m

Long
60m

Eaves
4m

Apex
9m

Door
RSD

Rubb worked with Northern Ireland's Belfast City Council and Heron Bros to regenerate Brook Leisure Centre. As part of the £15 million project, Rubb contributed a 30m span x 60m length BVE MUGA cover.

The local community was consulted on what sports they would like to see represented in the new facility. To meet these expectations, Rubb developed a MUGA cover to enclose three pitches to support the numerous sports available at the centre.

The pitches can be comfortably used no matter the weather with the protection of Rubb's PVC cladding. This will be the case for many years to come, as the PVC membrane has a life expectancy of up to 25 years, and the hot dip galvanised framework can last 30.

ThermoHALL®

Rubb's insulated cladding system

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

- Non-combustible glass wool is encapsulated in air and water tight pockets
- Insulation thickness from 50mm to 150mm
- No air gaps in the cladding, which reduces heat loss and helps eliminate condensation
- Buildings are fully relocatable

Development of Thermohall® started several years ago, with the goal of a new and eco-friendly insulation system. Thermohall® is now fully developed and patented. Thermohall® offers great energy savings and is environmentally friendly—both in fabrication and operation.

- Rubb uses a heavy-duty PVC fabric with a long, useful life and high density, non-combustible glass wool insulation
- All the materials are recyclable. Steel can be recycled through various means and PVC can be recycled through initiatives which are part our operational supply chain and environmental partnerships. The insulation material that Rubb uses is processed from recycled glass
- Rubb Thermohall® structures combine the best properties of both conventional buildings and fabric buildings, high thermal insulation and full relocatablity. All Thermohall® buildings can be delivered to suit our customers' insulation requirements

Thermohall® technical specification

Thickness	U Value (SI) W/m2K	R Value (US) ft-F-hr/BTU
50mm (2in)	0.67 W/m2K	R11
100mm (4in)	0.36 W/m2K	R19
150mm (6in)	0.25 W/m2K	R27

Outer layer

Flame retardant heavy-duty fabric

Inner layer

Self-cleaning PVC fabric

Core

High-density glass wool insulation

Rubb structures

Rubb has the capability and experience to design, manufacture, deliver and install custom structures.

With Rubb, you can be sure everything is under control from concept to completion—including cost, quality, and delivery.

While we generally have the right standard structure available to meet project needs, Rubb can also design custom solutions to meet special requirements. We have the in-house resources to provide a cost-effective solution customised to our clients' needs.

Design

Using proven engineering software, we can tailor the project to the specific requirements of the site, type of cargo and logistical needs.

Production

Our steel and membrane components are fabricated with proper equipment and quality control.

Installation

Pre-engineered and pre-fabricated to make on-site installation by a Rubb crew—or your crew— go smoothly and efficiently.

Rubb can provide custom designed facilities in a variety of configurations and sizes to suit your specific requirements.

The structure types below are typically used for Rubb's football facility projects.

To learn which kind best suits your project, contact the Rubb team today.

BVE

BVE structures feature lattice frame sidewalls and can be designed with single or multiple lattice roof pitches. 20m to 40m span widths, by any length.

BVC

The BVC is designed with a vertical column leg and a lattice frame roof. This structure type offers a large clear internal area. 40m to 100m width spans are available.

BVL

The BVL has vertical lattice frame sidewalls and single or multiple lattice roof pitches per span. Large spans start from 40m to 100m in width, by any length.

BVR

The versatile BVR structure type features rectangular leg and roof box sections. The leg height can be extended for additional interior clearance.

Door options

Rubb offers a variety of different door solutions.

They can be selected and designed to suit many size and opening requirements. This flexibility ensures that our clients get the best option for their selected Rubb building type, depending on their operational needs.

Rubb can supply a wide range of access and industrial roller shutter doors.

Access door

These types of doors are suitable for public and non-public areas. EN 1125 and EN 179 standards apply to push bars and touch bars respectively. All doors and emergency exit doors supplied by Rubb adhere to European product standards. To meet customer requirements, all doors come with CE marking and are ISO 9001 approved.

Roller shutter doors

Commercial off-the-shelf doors, measure up to 10m x 10m, but Rubb can also offer custom door sizes. All doors incorporate a motor driven system, with built in safety mechanisms. Doors can be electrically operated and can be combined with safety devices and traffic lights. All doors can be customised to suit business operations.

Rubb Buildings Ltd
246 Dukesway
Team Valley Trading Estate
Gateshead, Tyne & Wear
NE11 0QE, UK

info@rubbuk.com

+44 (0)191 482 2211

www.rubbuk.com

BMT Group
Arwen Merlin Plaza
Yenişehir Mah. Mustafa
Akyol Sk. A Blok No:7A/64
34912 Pendik İstanbul

info@bmtpss.com

+216 504 25 00

www.bmtpss.com

RUBB
Building Systems

Official
Representative
Of

BMT
GROUP

Rubb Buildings Ltd is a company in Rubb Industries AS, which is part of Zurhaar AS.

© 2022 Rubb Buildings Ltd. All rights reserved.