Rubb Buildings Ltd

Leading the way

Rubb Buildings Ltd is a world leader in the design and manufacture of custom made relocatable and permanent engineered fabric structures.

Established in Norway in 1968, the Company has gone on to become a world leader in the design, manufacture, delivery and erection of fabric building solutions.

There are engineering facilities in the UK, Norway, USA, China and Poland. The Rubb Group manufactures prefabricated, portable structures, relocatable buildings, shelters, hangars and custom facilities to suit individual client requirements.

The Company provides temporary, semi-permanent and permanent solutions for a wide range of sectors including military, aviation, environmental, general industry, sport, bulk storage, ports, marine, construction, energy, architectural and emergency relief.

Advantages of using Rubb products and services include providing bespoke designs and flexibility to suit client requirements, minimal foundation requirements, quick delivery and erection time, extendable and relocatable facilities to suit changing circumstances, and more than 30 years of experience and expertise in the field.

Rubb provides a well-engineered steel or aluminium frame and a PVC coated polyester fabric cover, which is tensioned over the frame to provide a tight fitting shell. Variations include provisions for alternative materials, such as steel cladding.

Rubb structures are available in single spans of three metres, to more than 79 metres by any length. Standard module lengths vary from three metres to five metres and multi-span options are also available to cater for even bigger facilities.

The Company has earned a reputation for tackling difficult and unique projects. It has developed substantial structures that can be moved about on wheels or rails, or even lifted around a job site in fully erected form.

Rubb offers a strong commitment to code and standards compliance, with its customers' needs being paramount, from quotation to installation, project completion and beyond.

Recent successful projects undertaken by Rubb include the new beach volleyball hall at Oakmead College of Technology. This prestigious development was used as an Olympic training venue, hosting men's and women's international teams from Brazil, Greece, and Great Britain, as they prepared for qualification matches for the London Olympics.

The courts provide three full size match courts or four training courts and it has been hailed as one of the best purpose-built facilities in Europe by the international players who have used it.

The new hall complements the school's sports hall, fitness centre, gym, dance studio and extensive playing fields, allowing students to enjoy a diverse sports programme, which promotes healthy lifestyles.

Rubb was tasked with the design, manufacture and delivery of the 32 metre span x 40 metre long sports building, which includes two internal beach volleyball courts, complete with sand pits to represent a beach environment. The facility has sidewalls and boasts a clear playing height of ten metres inside.

The volleyball hall features Rubb's traditional galvanized internal steel frame, but with a new design. A tapered lattice leg facilitates the curved roof design specified by the school's Architect, Trinity Architecture.

The building is clad with durable PVDF coated fabric, providing blue walls and a white translucent roof. Rubb added the LeAF Campus logo to both gable ends of the structure. Four doors, one in each gable and sidewall, provide access to the sports facility.

Project Manager Andy Knox said: "The translucent white PVC roof lets the natural daylight into the building and is a great advantage of our sports building.

"This project went very smoothly from start to finish. We were able to adapt a design to suit the Architect's specifications and the school's needs.

"The result was an ideal tailor-made solution for beach volleyball and shows how versatile Rubb solutions can be. Elements of the successful design could be used again in other applications and we are looking forward to some exciting new projects in the

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Life's a beach at Oakmead...

A Bournemouth school is going for gold following the completion of a new beach volleyball hall.

Oakmead College of Technology took delivery of 1202m² of sand for the facility at its LeAF Campus on Duck Lane, Dorset. The new hall complements the school's sports hall, fitness centre, gym, dance studio and extensive playing fields, allowing students to enjoy a diverse sports programme which promotes healthy lifestyles.

Rubb Buildings Ltd was tasked with the design, manufacture and delivery of the 32m span x 40m long sports building which includes two internal beach volleyball courts, complete with sand pits to represent a beach environment. The facility has sidewalls of 10.8m and boasts a clear playing height of 10m inside.

Annetta Minard, Executive Headteacher, said: "The indoor beach courts have been used as an Olympic training venue. Oakmead College of Technology LeAF Campus hosted men's and women's international teams from Brazil, Greece, and Great Britain as they prepared to qualify for the London Olympics. 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."

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Rubb has also recently completed an indoor training facility for Sunderland AFC, three aviation hangars for Horizon Flight Academy in the UAE and provides military buildings to the UK MoD.

IN ACTION: The beach volleyball hall at Oakmead College of Technology

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Another significant building constructed by Rubb is the new indoor training facility for Sunderland Football Club.

Sunderland's stars of the future began using the Rubb training hub at the Academy of Light, Cleadon, following the official opening on the 7th December 2012. Local manufacturing SME Rubb pitched in with Tolent Construction Ltd and Architect Red Box Design Group to make Sunderland's long awaited training facility plans a reality.

The sports building features Rubb's largest building span to date at over 82 metres. The facility measures 64 metres long, with sidewalls of almost eight metres and a central internal clearance of ten metres high.

The structure stands at more than 12 metres high at its apex and comprises a galvanized steel frame, a white PVC clad roof, a large gutter system, a Fullflow symphonic 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 four metres high, with the upper part clad with Larch timber.

Rubb General Manager Ian Hindmoor said: "We are delighted to be associated with such a prestigious project in the north east of England. This is our largest span building to date and our third training facility for a Premier League football club. We are looking forward to seeing our clients use and enjoy their new venue."

Peter Weymes, Facilities Manager at SAFC, commented: "It is fantastic. It is currently being used by the Academy youngsters and has been described as the best facility at club level in the country."

At the launch, Sir Trevor Brooking (the Football Association's Director of Football Development) said such indoor football training facilities are key to the development of young and upcoming players.

"They provide cover and protection for our players when the weather is bad and offer a safe and comfortable environment when training. The steel frame and translucent PVC roof provided by Rubb Buildings Ltd also lets the natural daylight through, promoting the atmosphere of an outdoor environment without players and staff having to contend with the wind, rain and snow.

"Rubb Buildings provided a solution that is bespoke to our requirements, architects designs and aesthetics of the surrounding landscape. The Company's flexibility facilitated changes in the overall facility footprint and height in accordance with planning conditions to ensure the available space was maximised. The 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."

Part of the Company is Rubb Military Buildings – an innovative world leader when it comes to the design, manufacture and delivery of relocatable helicopter, fixed wing aircraft and military storage 'super hangar' systems.

Rubb will be promoting its Expeditionary Forces Aircraft Shelter System (EFASS) at Stand C6-002, at IDEX at ADNEC, Abu Dhabi, UAE, from 17th-21st February 2013.

The EFASS shelter system, which features hangars, sunshades and warehouses, is uniquely suitable for the military services, designed to be rapidly deployed and quickly erected anywhere in the world.

Ian Hindmoor said: "This will be our second time exhibiting the EFASS range at IDEX. This range of military buildings really pushes the boundaries and is in a league of its own when it comes to the rapid deployment of robust and reliable shelters, hangars, warehouses and sunshades.

"It provides protection to personnel and vital equipment in the most challenging of environments. It also offers some unique qualities including new state-of-the-art door options and crane technology."

Each hangar can be rapidly constructed using a number of steel fabricated components together with uniquely designed aluminium roof and leg sections that bolt together to form the span trusses. When assembled, tough PVC coated polyester fabric sheets slide between the aluminium extrusions of adjacent spans, to form the shelter. Rubb will be showcasing all the latest innovations the EFASS range has to offer, including new door configurations and combinations used in recent military operations.

Ian continued: "We have been very busy working on an exciting aircraft hangar project for Horizon International Flight Academy in Al Ain, UAE. Rubb provided three 24 metre x 36 metre steel and aluminium hybrid EFASS structures to Horizon and we are looking forward to showcasing this project and meeting new clients.

"IDEX is the ideal platform to do this and is part of our ongoing strategy to meet military requirements nationally and internationally."

Rubb Military products are designed and manufactured in Gateshead.

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