Storage warehouses
Rubb buildings and warehouse structures are ideal storage solutions to help companies accommodate their expansion plans or meet changing logistical needs.

Rubb's innovative fabric engineered, high quality structures offer a wide range of proven storage and warehouse solutions. Our large clear spans and high translucent ceilings provide a bright, efficient working environment. Rubb structures are built to last but are fully relocatable or extendable to meet changing needs.

Rubb industrial bulk storage buildings can be easily converted, adapted or relocated to store additional products, providing a more flexible storage facility.

Rubb storage buildings are easily custom designed to accommodate conveyors and other loading methods. Retaining sidewalls can also be integrated to resist lateral loads. Our storage buildings have been used to store everything from biomass to perlite, and often serve as salt sheds for local authorities.
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
Transient membranes allow natural daylight to illuminate the workspace while the white roof surface reflects heat. Optional Thermohall™ insulation minimises heat transfer, prevents condensation and virtually eliminates thermal bridging and air infiltration.

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

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-Effective 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.

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.

Customisable Features
Buildings can accommodate all types of door, ventilation and other systems and 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 to quotation, installation and beyond. Rubb’s commitment to customer service continues after project completion and forms the basis for long-term customer satisfaction.

Efficient Use of Space
Rubb’s steel frame system allows for cost-effective clear-span space and high vertical walls to suit customer needs. We offer a variety of span profile shapes and door system options.

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

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

Code-compliance
Rubb buildings are designed for site specific, full code-compliance with respect to wind and snow loads.

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

Superior Structural Frame
The backbone of a Rubb building is a well-engineered structural framing system, with the best corrosion protection system in the industry.

Complete Environmental Control
The membrane cladding of a Rubb building is dehumidified facilities.

Technical Specifications
Rubb industrial bulk storage buildings can be easily converted, adapted or relocated to store additional products, providing a more flexible storage solution. Rubb storage buildings are easily custom designed to accommodate conveyors and other loading methods. Retaining sidewalls can also be integrated to resist lateral loadings. Our storage buildings have been used to store everything from biomass to perlite, and often serve as salt sheds for local authorities.

Advantage Points

Efficient Use of Space
Rubb’s steel frame system allows for cost-effective clear-span space and high vertical walls to suit customer needs. We offer a variety of span profile shapes and door system options.

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

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

Code-compliance
Rubb buildings are designed for site specific, full code-compliance with respect to wind and snow loads.

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

Superior Structural Frame
The backbone of a Rubb building is a well-engineered structural framing system, with the best corrosion protection system in the industry.
Having the capability to increase storage capacity is critical for many businesses. Rubb provides storage building solutions to help companies optimise their growth and profitability.

The triple link warehouse facility Rubb created for Tradewood Agencies in Belfast, Northern Ireland, is a massive structure measuring 101m wide and 95m long. This storage building features a floor area of 9,595m².

The warehouse provides plenty of space to store a range of timber and timber products including doors, flooring and plywood for distribution throughout Ireland and the UK. The facility boasts an overall height of 12.93m, which coupled with Tradewood’s translucent roof, enhances the bright interior typical of a Rubb building.

On completion of the main structure the client added a 320m² mezzanine floor to provide office space for its growing team of employees.

The UK based Rubb team was readily available to provide advice, support, recommendations, site visits and ongoing solutions regarding the design and construction of the project.

Rubb delivered its tallest structure to date and first biomass fuel processing and storage facility to energy giant E.ON UK.

The 31.5m span x 137.5m long building at Ironbridge Power Station, Shropshire, UK, has an apex height of 21m. The roof provides rigidity with minimum deflection, providing stability and support for a 200 ton roof-mounted conveyor system used for the dispersal of biomass fuel products.

The structure features a roof pitch of 35° which was designed around the angle of repose of the biomass materials being processed at the plant. All elements of the structure were designed and manufactured in the UK.

“The real breath of fresh air for AJS was to work with a UK turnkey contractor, a company who can design, manufacture and install the complete package, providing auditable quality procedures and more importantly an excellent understanding of UK Health, Safety and Environmental regulations.”

Martin Wylie | AJS Renewable Energy Divisional Manager
The most impressive aspect of this 30m x 306m FXI port structure is its length. The project requirements were well suited to the technical advantages of Rubb building systems.

The building was leased to WM Jordan for three years, with an option to extend. This provided Virginia International Terminal with the flexibility it needed to manage its ever changing logistical requirements. The building can stand permanently in Newport News, or be relocated to another port if needed.

The translucency of the PVC roof provides excellent natural interior lighting conditions. This helps lower energy costs and supports an efficient working environment and the safety of personnel and goods stored in the building. The Virginia International Terminal building is also used to store valuable machinery.

VIT and leaseholders WM Jordan were very pleased with the quality, robustness, and overall performance of the completed Rubb port storage building.

Rubb Buildings Ltd rose to the challenge to design, manufacture and install a custom overspill storage building for Rockwool’s insulation production line and packaging facility in South Wales.

Rubb provided a custom insulation storage building featuring an asymmetrical roof truss. The building includes a 15.25m wide front span for the first 25m of the building’s length. It then extends out to a 20.25m wide span for the remaining 15m of the structure’s length towards the rear gable end.

The Port of Workington’s structures measure 25m span x 32m in length and 25m span x 61m in length. These port facilities provide storage space for animal feed and protection from the elements and light. The design features a split storage capability.

The client required a dark covered port storage facility as animal feed needs to be protected from light, however the translucent PVC material used on other Rubb ports projects provides a brighter working environment without the need for windows.
Rubb Buildings Ltd has helped a port building project grow at the Port of Belfast.

Rubb began working with Belfast Harbour Commissioners in 2001 to ensure that their ever changing and ever expanding storage requirements were met as use of the port developed.

The first Belfast Harbour warehouse storage facility was erected in 2001 at the head of the dockside area. It measures 24m span x 45m. In 2005 an additional building measuring 24m span x 65m long was erected directly adjacent to the existing harbour structure.

In 2003 a much larger harbour storage building measuring 45m span x 175m was installed at a different location on the dockside and in 2004 this was extended to 217.5m in length.

In 2005 the Rubb design team was given a brief to erect the largest possible building on the remaining land on this site. Careful consideration had to be given to the design because of restrictions created by the nearby dockside traffic. However, a 32m span x 60m harbour storage facility was installed, maximising all possible space available, taking the storage area constructed by Rubb to a massive 14,347m².

Rubb Buildings Ltd provided a cost efficient solution for Sunderland City Council at Hendon Docks. This versatile cargo storage area was needed to develop the Port of Sunderland’s cargo handling capabilities.

In conjunction with SGW Construction, Rubb erected a 24m span x 65m long BVE cargo handling and storage facility with 7.65m sidewalls.

The design and quality of the structure provides a safe and pleasant cargo storage solution.

Barrier Ltd called on Rubb to help create temporary production shelters to support the delivery of current contracts and increase capacity. Rubb supplied a 12m span x 18m long THA type fabric shelter for use as an additional storage facility.

The THA shelter features a 3m x 3m roller shutter door and access door in the front end. The structural steelwork is hot dipped galvanized to protect against corrosion. The covering membrane is fabricated from high tenacity PVC polyester fabric, which is flame retardant. The roof material is translucent white, which allows natural light to illuminate the internal space.

“The key advantage for Barrier in working with Rubb is their ability to engineer cost effective solutions and deliver them within very tight timescales.”

Ken McLean | Project Manager, Barrier Ltd

Located on the Patapsco River, this Rubb storage warehouse measures 36.58m wide x 213.4m long. With its twin span BVE structure type, the total building footprint comes in at an impressive 15,613 m².

The building’s 5m leg section utilizes a modified I-beam foundation with uplift pads and ground anchors. Accessory items include a 20 foot candle lighting system, Cookson roller shutter doors, personnel doors, ventilation fans and louvres, and a heated central gutter system.

This port warehouse project boasts some interesting numbers for Rubb, including 10.86 km of wiring connecting 84 light fixtures and other electrical fixtures. The buildings is secured with 470 ground anchors, keeping down a total weight of 405,057kg of steel and 3,900m² of PVC membrane material.
Rubb Buildings Ltd specialises in the design, manufacture and erection of robust and reliable engineered fabric covered structures.

Rubb’s BLE Series of port storage and warehousing buildings are extremely versatile and feature many qualities that can benefit port organisations.

Rubb structures are strong, durable, competitively priced, extendable, relocatable and custom designed to meet your specific project and location requirements.

In addition, BLE facilities are equipped with lifting points, providing crane connections which allow the structure to be elevated into position.

The BLE Series can also be designed to be mounted and run on a track system to provide a perfect solution for large scale production lines or coverage of ships and dry docks.

Rubb’s BLE buildings are easily extendable and can also be relocated as required. Our experienced team of design engineers can provide a tailor made solution to suit your logistical needs.

Rubb Buildings Ltd was tasked with designing, manufacturing and erecting two crane liftable buildings to cover offshore pile clusters.

The two marine manufacturing covers from Rubb’s new ‘BLE Series’ feature spans of 30m and each measure 35m in length. To increase the overall internal apex height of the manufacturing bays to 20.2m, H&W asked Rubb to use a 7.3m high wall constructed out of 40ft containers as the building’s foundation. A custom designed supporting frame was created to hold the containers together and act as the fixing base for the Rubb BLE structures.

The marine manufacturing buildings are designed with reinforced base beams and anchor brackets so they can be easily lifted from their container foundations and moved to one side. This allows the client to then crane lift materials into the space within the foundation frames for various operations. The building roof is replaced to protect employees and materials from the elements. Each gable end of both paint and blast facilities includes a pedestrian door and a 4m x 4m roller shutter door for equipment access.

“The quality of the workmanship from the design drawings and loading calculations was impeccable and visits to site from design engineers and directors assisted in a smooth program of works. The site team worked self-sufficiently and without disruption to our busy daily works and provided two first class liftable buildings and two gable end walls efficiently, to budget, on time and to a very high specification. Between Rubb and ourselves we have been able to create two separate cells 30m (W) x 35m (L) x 19m (H) with the ability to remove the roof off with either of our 840T gantry cranes using a specialist lifting beam and arrangement. Moving forward we would happily work with Rubb again on increasing our facilities.”

Chris McNally | Harland and Wolff Heavy Industries Maintenance Operations Manager
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 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 sport and training needs.

**Production**
Steel and membrane components are fabricated to the highest standard under quality guidelines.

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