

# ALU SERIES

## INDUSTRALRELOCATABLE STRUCTURES

Our structures are statically calculated as permanent structures but their features are even better than available temporary solutions on the market. When you complete your project then you can move it to your new location easily without any scrap and waste.

You can always adapt it to your needs by adding removing elements. It is the ideal solution for warehousing, logistic, manufacturing facilities, dining hall for construction camps etc.

MANUFACTURED BY

PREFABEX





# SHELTER YOUR BUSINESS...

Structas designs, develops, produces and constructs prefabricated buildings in all areas of fabric structures for temporary, semi permanent and permanent use. Our economical, quick and easy construction principle is unrivalled. Structas guarantees a short project cycle and a best price-quality ratio.

Our buildings fit your need perfectly. We assist you to get the best solution to protect your people, machines and goods, and we safeguard your investment at the same time.

Cost-efficient aluminum hangars, suited for any production plant or processing factory combined with or without office space.

- Fast delivery and safe assembly.
- For large and small projects very easy to expand.
- Designed to meet your specific needs

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# PREFABEX



## TECHNICAL DETAILS

### FRAME

Our Alu Series Industrial structures is a two slopes aluminium structure with steel junction parts. Thanks to the large range of interchangeable parts, this model is very attractive. All dimensions are available from 6 to 30m span and with infinite length. High-quality structural aluminium frame buildings, customizable to your needs: window bays, sectional doors, mezzanines.

### FOUNDATIONS

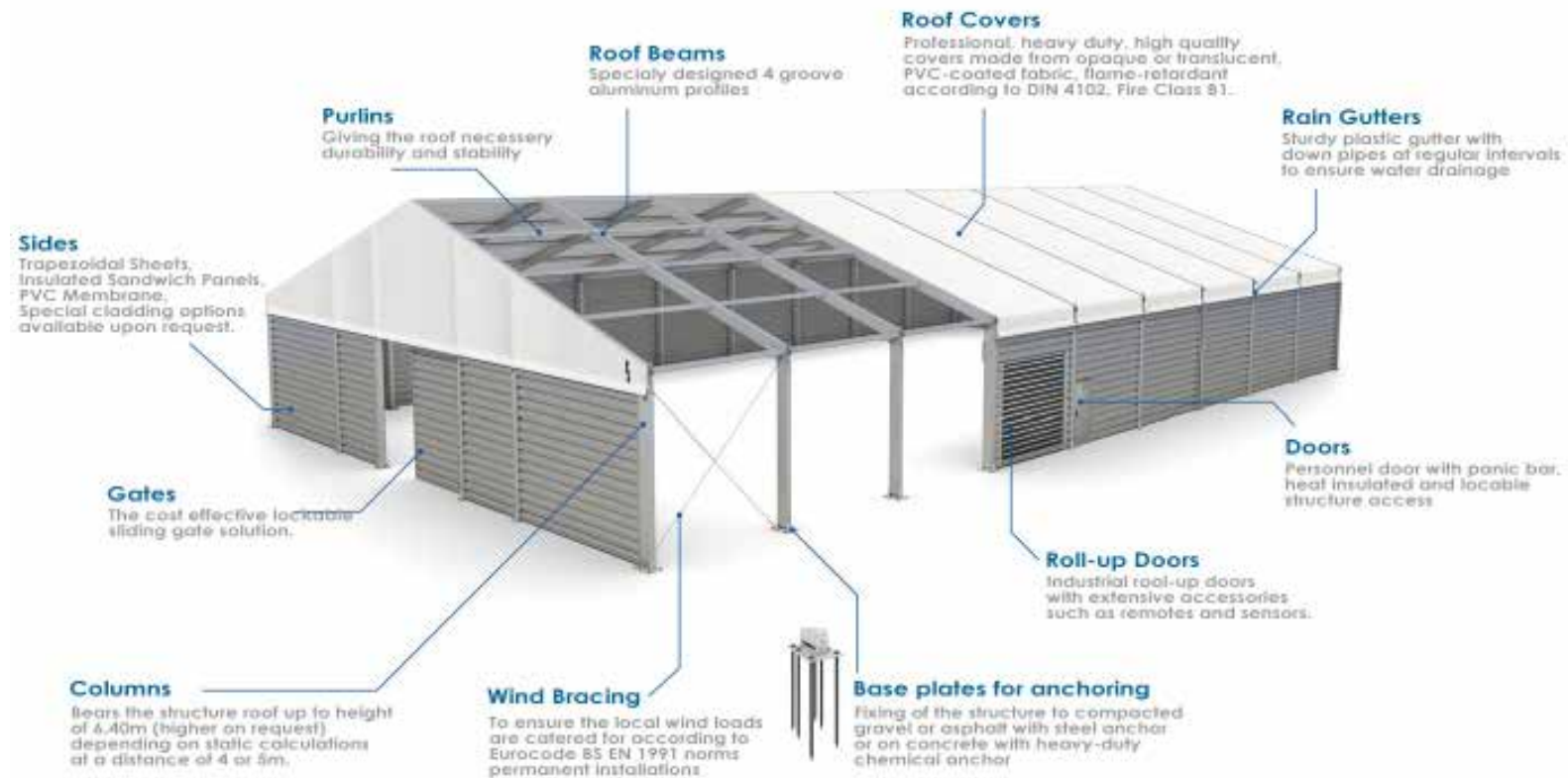
Structas foundations are efficient and economical. Depending on the subsoil of your area. Foundation options are;

- Prefab blocks
- Concrete plinths
- Concrete slab



### CLADDING

Many options are available for your walls and roof cladding. Insulated sandwich panels, various predefined thicknesses and types of insulation can be selected. Structas is also first and only company which integrated heavy duty, high quality PVC coated fabrics for roofing.



## STANDARD SIZES

Our temporary structures offer a unique design that provides ample height and extraordinary clearance for your manufacturing and warehousing needs. There are no internal columns to interfere with forklifts or other heavy machinery, allowing for ease of movement and maximum usable space. Custom sizes are available upon request.

Structas buildings are available in the following standard sizes:

SPAN (m)	EAVE HEIGHT (m)	SNOW LOAD (kN/m <sup>2</sup> )	WIND LOAD (km/h)	ROOF PITCH
10m	3/4/5/6	0,75	120/149	18°
15m	3/4/5/6	0,75	120/149	18°
20m	3/4/5/6	0,75	120/149	18°
25m	3/4/5/6	0,75	120/149	18°
30m	3/4/5/6	0,75	120/149	18°

Dimensions and calculations can vary depending on local requirements and regulations.



## ADVANTAGES

### **Cost-effective**

All our structures can be installed in days mostly without costly groundworks on almost any surface. The installation is fast and cost-effective due to the light aluminium frames and the standardised roof and side wall systems. Our customers receive unbeatable quality and value.

### **Multifunctional**

Structas structures can be either non-insulated, with condensation water protection, semi-insulated or fully insulated. The possible uses of our structures are practically unlimited: storage warehouse, production building, logistics building, fire station, airport building, helicopter hangar - the use cases are unlimited.

### **Innovative**

Our prefabricated structures offer unbeatable quality and value for money when compared with conventional buildings. Even when comparing our solutions to other aluminium buildings, the continuous engineering efforts that go into our Structas structures become evident.

### **Fast**

Do you quickly need to expand your warehouse, storage or production capacities? You need a temporary or long-term capacity expansion? Structas has the right solution for you - hassle-free, fast and fully tailored to your needs. With our buildings you benefit from accelerated approval processes, short delivery times due to our wide range of stock, and depending on the structure size, assembly within just a few days. Directly on your site.

### **Relocatable**

All our structures can be dismantled and relocated, to anywhere at any time. Frequently, our customers use a building for 3 or 5 years, and then sell it on to another party. Our experience shows that typically over 95% of parts can be re-used.

