



STRUCTAS

ADVANCED
RELOCATABLE
STRUCTURES

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POLYGONAL ST STRUCTURES

The Polygonale structure range offers new and creative solutions to a wide range of sport and event activities.

You can always adapt it to your needs by adding removing elements. It is the ideal solution for multisport activities and all kind of events.



MANUFACTURED BY



THE LONG TERM INVESTMENT...

The translucent membrane roofs offer 100% natural lighting, which helps to reduce running costs as well as to create a more comfortable and pleasing environment. Its modularity means that it can be increased or decreased in size over time.

Polygonal is especially used as training facilities for soccer, tennis, handball, volleyball, ice-hockey or basketball.

From design to manufacturing, Structas will supply you with specific requirements and deliver your turnkey building in record time.



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TECHNICAL DETAILS

Frame

Portals, gable and intermediate frames in high grade light steel S350GD profiles.

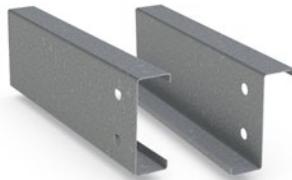
Base plates and connection pieces in galvanised steel.

Lateral brace in galvanised steel

Roof and lateral bracing by galvanised steel cables covered with PVC

Modular construction, expandable by 5m bays

Engineered as permanent installation but with relocatable features.



Covers

Professional, heavy duty, high quality covers made from translucent, PVC-coated fabric, flame-retardant according to DIN 4102, Fire Class B1. Fabric colour white. Patented aluminum keder profiles integrated to lightsteel profiles for modular roofing.

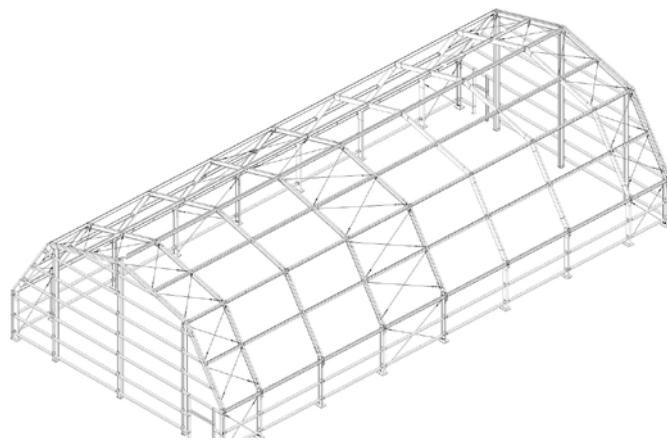


Wall

side and gable walls can be PVC-covers, single trapezoidal sheet or sandwich panel cladding.

Equipped with emergency exit doors, double glass doors and tempered glass windows.

TECHNICAL DATA



Standart Sizes

18m x 36m with 3m side height.

Bay distance: 5m

Wind load 120km/h

Snow Load: 75 kg/m²

Advantages

- Quick assembly
- Functional and optimised internal dimensions
- Natural lighting
- Minimum foundation requirements
- Turn-key solution from design to installation
- Relocatable
- HVAC (optional)
- Lighting Armatures (optional)





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the potential