## Flexistructure®

Flexistructure is a **temporary** or **semi-permanent aluminium framed external building** or **canopy** designed to your exact needs. Our solutions come with either coated PVC fabric or single layer steel clad sides and insulated panels. Roofs are also reinforced PVC coated fabric and can be air filled for additional insulation.

Working with Westgate Global, you **benefit from an integrated solution** offering optional fast actions doors, crash barriers, internal partitioning and external curtains.



Standard and Bespoke Sizes



Quick, Modular Installation



Buildings can be Sub Divided



Range of Accessories



Full Project Management



Design and Installation Service



## **Features and Benefits**

Suitable for a range of uses	<ul> <li>Protect employees or equipment from the weather</li> <li>Create external airlocks and/or loading bays</li> <li>Create additional storage space or manufacturing unit</li> </ul>
Quick modular installation	Create the storage, protection or additional space you need quickly
Dedicated project delivery team, design and installation services	Direct point of contact working with you from start to finish
Integrated solution from a single supplier	Range of optional extras: crash barriers, fast actions doors, internal partitioning and external curtains all designed, supplied and installed
Standard and bespoke sizes and designs	<ul> <li>Standard widths upto 35m/unlimited lengths (additional widths by joining structures)</li> <li>Customised designs to suit your building and existing setup</li> <li>Can be fitted with either quick to deploy curtains or fast action doors and optional extras</li> </ul>
Option of steel clad or fabric sides	Fabric, solid steel or sandwich panel options to suit your requirements





## **Technical Specifications**

Frame	The structure frame consists of aluminium profiles (uprights and trusses) and/or of hot-dip galvanized steel parts (foot plates, eave pieces, ridge pieces, purlins, portals etc.). The structure complies with BS EN 13782:2015 for temporary buildings and UK building regulations code BS EN 1991
Roof and Walls	The roof always consists of extremely high-quality, durable, plastic-coated tarpaulin. The tarpaulin is flame retardant in accordance with DIN 4102 & BS 7837:1996. The wall covering is either made of the same material or - if required - of galvanized and paint-coated trapezoidal sheets or steel sandwich panels
Snow and Storms	Depending on size, structures possess a snow load of 20 to 100 kg/sqm and can withstand the wind loads required according to DIN EN 13782 up to wind-force 9
Framework	The main framework consists of aluminium profiles made from 6061 alloy and hot dipped galvanised steel connecting parts. This structure complies with the new European norm BS EN 13782:2015 for temporary buildings and UK building regulations code BS EN 1991 Width: Bespoke Length: Bespoke Bay Size: Bespoke Eave Height: Bespoke Snow Load: 20 to 100 kg/sqm Wind Loading: Up to 100km/h, to DIN 13782



