

# MOD Structures

Our Modular structures are best suited for warehousing, retail, and industrial applications but can also be used for large special events.

IDEAL FOR  
SEMI-  
PERMANAENT  
STRUCTURES



'MODS' are spacious and strongly built, ideal as either temporary or semi-permanent structures. Available in widths ranging from 40' to 130' and straight walls heights of 10', 14', or 20' the length can be varied by simply adding more 'MODS'.

HANDY SPECIAL EVENTS

# MOD Specifications

## ROOF

- Shaped for cover stability
- Mildew and rot resistant
- Roof panels easy to install or remove after frame is erected
- White or colours, translucent or opaque
- Fire retardant; satisfies ULC-S109 for National Building Code, also NFPA 701 large scale, California Fire Marshal
- Constructed of 19 oz., (290 pli) vinyl polyester

## SIDEWALLS

- Plain or with vinyl windows
- Sidewall heights of 10', 12', 14', 16', 18', and 20'
- Same fabric material as roof
- Wall panels easy to install and remove

## FRAME

- Structural steel tube truss, 55000 psi yield
- Aluminum track for attaching fabric roof panels
- Galvanized or otherwise rust resistant

## ASSEMBLY

- Frame arches assembled and tipped up
- Bases can be positioned and bolted in place beforehand
- Arches secured with fixed length spreaders
- Roof panels installed after frame is complete
- Wall panels installed/removed separately from roof panels

## HARDWARE

- All galvanized or otherwise rust resistant grade 8 bolts

## Doors & Accessories

- Vehicle doors may be added to the MOD ends, and personnel doors can be added either to the ends or the sides of the building

# MOD Specifications

## PORTABLE

- Clearspan Modular Buildings are easy to set up, take down, and relocate.

## CLEARSPAN INTERIOR

- Clearspan truss framing provides an unobstructed interior for circumstances that require as much free space as possible.

## EXPANDABLE

- Our ClearMod Structures are expandable by standard 4.5 m (14' - 9") bay spacing. Other bay spacing is available/necessary for different snow/wind loading.

## EFFICIENT

- The high ceiling and obstruction-free interior allows you to make efficient use of the space. Straight walls are removable to allow for natural ventilation.

## TENT FAQ'S

### **What's the difference between marquee, pole tent, clearspan or modular structure?**

A marquee usually refers to high peak 10 'x 10' thru to 40' Hexagon frame tents. They feature a design with a "flying centre pole" to create an unobstructed space.

Pole tents use tall centre poles and perimeter guy-lines to tension the fabric into place to create the roof. The three most common sizes are 40' wide, 60' wide, and 90' wide tents popular for weddings and festival events.

Clearspan tents are the newest generation of tent/structure. These structures feature an assembled framework of box beam arches that support the fabric roof and define the shape of the structure. The stronger construction of the aluminium frame makes these structures suitable for larger or longer-term applications than other types of tents. The box-beam framework also allows for large areas of unobstructed space beneath the fabric roof.

Modular structures are large span temporary buildings that you see at many of the largest sporting events and commercial projects. They have snow load capable roofs and are supported by steel truss arches.

### **What types of sidewalls do you have for the tents?**

We have two types of sidewalls:

Plain white - which is just a standard fabric wall that you can't see through.

French window - which are a fancy type of arched window that is usually the preferred choice for weddings or in some cases where you want to let the light in or see out.

Note: We can also put either of these types of walls on frame tents and on slider cables so you can open them up (they slide sideways like a shower curtain) or close them up if it's windy out.

# TENT FAQ'S

## How do you anchor tents?

We use steel stakes that are 20" to 48" long driven into the ground - that's also the reason why we require utility line locates. The actual number of stakes and the size of them will vary depending on what size of tent it is, how much wind load they may be subjected to and the length of time they will be set up.

We also can use "lego blocks" (concrete blocks shaped like LEGO bricks) as anchorage on marquee tents as well as clearspan structures. The blocks range in size from 20" x 20" x 22" (750lbs) to 2.5' x 2.5' x 5' (4400lbs) depending on the size of tent used, surface, length of time standing and location.

Unfortunately we are unable to lego block pole tents. Note: There are other things that we can do depending on the situation but the end result has to be within the manufactures anchorage guidelines and above all, safe and secure if a storm does arise.

## Do stakes damage my asphalt parking lot?

Not usually, it will make a hole about  $\frac{3}{4}$ " to 1.5" inch in size which can be repaired if needed with special asphalt plugs. There are some locations in the city that we have been installing the same size of tents for many years and we reuse the same holes over and over again with no problem. If you have a concrete patio or sidewalk area we can use concrete construction anchors that use bolts and washers to take the place of stakes. These are permanent once installed but are very clean and a hex nut can be put into them flush with the ground if you want to use them again some time later.

## TENT FAQ'S

### **What about security of tents from vandalism or other damage?**

Fortunately, we have had very few incidents over the years. It is important to understand the tent is your responsibility once it is installed until it is removed. We recommend that customers use a security service when the tent will be left unattended or in an unsecure location.

### **When are site inspections required?**

We recommend site inspections before renting. Contact us to set up a time for our experienced staff member to come out and visit your site.

### **What about a site inspection for out of town locations?**

For out of town projects we will ask you for a site map, preferably a google map/earth image, with the tent drawn on it. This will represent where on your property you want the tent installed. Once we have received the site map we will review whether a site inspection will have to be scheduled.

### **What about truck access to the site?**

Please remember that most tent installations require us to be able to drive right up to where we need to work because of the size and weight of the tents that we may be setting up for you. There may be additional charges if site access is restricted.

### **What about heating tents in the winter?**

Yes, we can heat tents depending on the expected temperature and type of use. There is a vast difference between heating during -5 C and -25 C so the best thing to do is call our office with some specific details about what you're planning and then we can advise what will work best.

### **Can you join together different size tents?**

Yes we can. We have a special gutter/joiner system that work with both frame tents and pole tents to join them all together for walkway canopies, catering tents or reception areas. They work great and are seamlessly integrated into the whole line of tent inventory that we carry.

## TENT FAQ'S

### **Do you have something for temporary warehousing or plant shutdowns?**

Yes, modular structures work best in most cases and we have 40' wide up to 130' wide units that can expand in 15' increments. They also can be equipped with truck doors for forklifts and to drive vehicles inside. Frame tents can be used for temporary staff lunch rooms and small storage needs (pallets for example) during plant shutdowns. Please contact us for more information.

### **Do you have tents for use in the winter?**

Yes, our Modular Structures were designed and engineered with a snow load rating so they are ideal for long-term winter applications. In some instances for shorter durations our regular tents can be used for winter applications. Rental rates are generally higher than summer season because of the extra labour, cleaning and the fabric can be damaged during winter set ups.