

# Windows

## Glazing – the type of glass and its coatings

The windows that come standard with our packages are vinyl clad insulated glass with Low-E glazing, an average U value of .33 and a solar heat gain coefficient (SHGC) of .35.

Low E is a coating applied to the glass that improves the heat gain at lower solar angles in winter, and deflects more solar rays at the higher solar angles of summer thus keeping the yurt warmer in the winter and cooler in the summer. This SHGC of our standard windows is appropriate for most northern parts of the U.S. In Southern states and certain specific areas in the North the requirements for the SHGC is different. In these instances we will adjust window pricing to accommodate these needs - your local building department needs to be contacted for these requirements so we can get you the right windows for your area. If you need the higher SGHC, an averaged high figure increase for cost for a 35' yurt would be around \$400.

Options for glazing beyond meeting these energy efficiency requirements vary greatly and the incorporation of these into your home will be relative to what you or the designer may see best suites you and your sites needs.

## Frames

All of our package pricing is based on the above vinyl windows as the starting point. The options for window frames range from these good quality vinyl windows to the following options - each of which has its benefit either in aesthetics, cost savings, longevity or the amount of maintenance needed.

- A heavier vinyl frame or an insulated vinyl frame
- Fiberglass
- Metal or vinyl clad wood
- Solid wood frame

## Style and Size

Each yurt comes with a set number of opening and picture windows, the number depending on the size of the yurt. The standard width for all windows is 3'6" (as wide as can fit in a wall) and the standard window height a mix of 3'0" and 3'6" tall for our standard 8' wall height. With 9' walls the windows height increases 12" and the windows in 10' walls increase 24".

Window styles possibilities range from picture, slider, single hung, double hung, awning and casement to combinations of a picture and either an awning or slider.



*Casement*



*Single Hung*



*Slider*



*Awning*

## Four considerations when designing for your windows

1) **Egress** - In a room that would be called a bedroom you need an egress opening to escape to the outside in the case of an emergency – either a door or a window that has a specific minimum opening size to meet building code safety requirements.

This opening size can be accomplished by either of these minimum sized windows

- 3'0" x 3'0" casement window - replace a regular opening window with this casement for \$200
- 3'6" x 4'9" single hung window

2) **Tempered glass** is required for any window within 24" of a door or 18" or less from the floor. Tempered glass typically adds 30 – 60% to the cost of the glass

3) **Operable vents** may be offered in some windows. By choosing these you can have controlled venting of a room without poking additional holes in the walls for the vents. Generally one vent is required for every 500 sq. ft. of floor area or one per room. For specifics contact your local building dept.

4) **Window placement in the walls.** Height of lofts, kitchen counters, desks etc. all play a part in how high from the floor you will want your windows. Designing Your Space is a document designed to help you with these choices.

## Doors

The doors that come standard with our packages are 3'0" x 6'8" the code acceptable size for an entry door. They are constructed of exterior grade Douglas fir. The glazing for door windows is similar that of our windows. These doors come with residential locking lever hardware, and can be drilled for a deadbolt upon request. You have a choice of either a half-length tempered glass window, full length tempered glass window or a six panel solid door as shown below.

- Additional doors are available including hardware are available for - \$878 each
- You can add a door frame for a door you will provide for \$100.
- Fiberglass and metal clad doors are available upon request.

These are the doors we offer standard with our kits



Half-light door #7044



Full light door #7001



6 Panel door #7130

To explore a complete range of the special order wood doors available [CLICK HERE](#).

## French Doors

French doors can be installed in the 25', 30', 35', and 41' models. French doors take 3 wall panels to create with the doors located in the "expanded" center panel of these three.

- 5'0" French door framing is available for the 25' yurt.
- 5'0" and 6'0" French door framing is available for the 30', 35', and 41' yurts.
- Side windows for French doors are also available for all of these models.

Because shipping of French doors is difficult and costly we do not ship or sell the doors themselves - we only build the opening that will incorporate your door into it. You will need to purchase the doors locally. Please ask us for door framing and side window pricing - the tempered side windows are included as part of this pricing.



*French Doors with side windows*



*French Doors with covered entry*